

# ENVIRON

August 22, 2002

Mr. Matthew Ohl  
USEPA, HSRW-6J  
77 West Jackson Blvd.  
Chicago, IL 60604-3590

Re: Second Quarter 2002 Surface and Subsurface Water Monitoring Report  
ECC Superfund Site  
Zionsville, Indiana

Dear Mr. Ohl:

This report summarizes the monitoring of the till wells, the sand/gravel wells, and the surface water of the Unnamed Ditch at the ECC Superfund Site in Zionsville, Indiana during the second quarter of 2002.

The specific tasks completed during the second quarter of 2002 included:

- Collection of water level measurements from 16 monitoring wells on May 6, 2002;
- Sampling of the three off-site till monitoring wells and the two off-site sand/gravel monitoring wells, including ECC MW-13, during the week of May 6, 2002;
- Sampling of two surface water locations within Unnamed Ditch during the week of May 6, 2002;
- Analysis of all the surface and subsurface water samples collected for the parameters specified in the Revised Remedial Action, Exhibit A, Revision 2, dated May 7, 1997 (Revised Exhibit A);

The following section provides a brief description of the second quarter sampling activities. The second quarter water level measurements, analytical results for the surface and subsurface water samples, and the field measurements and purge data are summarized in the attached tables.

## A. Subsurface Water Flow Determination

### 1. Data Collection

On May 6, 2002, the depth to water was measured in four on-site till monitoring wells, six off-site till monitoring wells, one off-site piezometer, and five off-site sand/gravel monitoring wells using an electronic water level meter.

The till and sand/gravel monitoring well locations are shown on Figure 1. Measurements were recorded to the nearest 0.01 foot. The depth to water measurements and the corresponding water elevation data derived from these measurements are presented in Table 1.

## 2. Subsurface Water Elevation Data

Subsurface water elevations and contours for the sand/gravel unit at the site, for the second quarter 2002, are presented in Figure 2.

### B. On-Site and Off-Site Subsurface Water Sampling

Subsurface water samples (including duplicates) were collected from off-site monitoring wells T-6 through T-8, and off-site sand/gravel monitoring wells S-2, and ECC MW13 between May 6, 2002 and May 8, 2002. The subsurface water sample results for the off-site till and off-site sand/gravel monitoring wells are summarized in Table 2 and Table 3, respectively.

All samples were collected as described in Section 6.3 of the Radian Revised Remedial Action Field Sampling Plan (FSP), Revision 4, dated April 28, 1998, with modifications outlined in the *Low Flow Ground Water Sampling* proposal dated November 10, 2000. In accordance with the FSP, the wells were purged a minimum of three well volumes or until the wells went dry, prior to sampling. Low-flow sampling techniques were incorporated into the sampling procedure to decrease the turbidity of the samples collected and to reduce the number of wells that purged dry before three well volumes could be removed. The subsurface water in the off-site monitoring wells was evacuated and sampled using a peristaltic pump and dedicated Teflon-lined polyethylene tubing. The intake for the dedicated tubing was placed at the bottom of the screened interval. The volatile organic compound (VOC) sample and the hexavalent chromium sample were collected as soon as possible on the day of purging these well.

The metals and polychlorinated biphenyls (PCBs) samples were filtered using 0.45-micron filters in accordance with Section 6.3 of the FSP. Field measurements of pH, temperature, specific conductivity, and dissolved oxygen were collected before, during, and at the end of the purging procedure. Field indicator parameters and other information recorded during well purging and sampling are provided in Tables A-1 through A-3 of Appendix A.

### C. Surface Water Sampling

Surface water samples were collected from two locations within Unnamed Ditch (SW-1 and SW-2) during the second quarter sampling event. Samples were not collected from the NSL-1 location since water was not flowing from the North Side Landfill discharge to the Unnamed Ditch during the sampling event. The surface water samples were collected as described in Section 6.3 of the FSP. Surface water sample locations are shown on Figure 1. The surface water sample results are summarized in Table 4.

Field measurements of pH, temperature, specific conductivity, and dissolved oxygen were collected from a sample of the water collected at SW-1 and SW-2. Field indicator

parameters as well as the rain accumulation measurements recorded for the 24-hour and 48-hour period prior to sampling are provided in Table A-3 of Appendix A.

#### **D. Sample Analysis and Results**

Following sample collection, the samples were placed in ice-filled coolers and shipped via an overnight courier to CompuChem Laboratories (CompuChem) of Cary, North Carolina, for analysis. Appropriate chain-of-custody protocols were followed throughout sample handling.

Subsurface and surface water samples were analyzed for the parameters listed in Table 3-1 of Revised Exhibit A in accordance with the analytical methods summarized in Table 7-1 of the FSP. Analytical results for the surface, subsurface and the quality assurance and quality control samples for this sampling event are summarized in Table 2 through Table 5. In addition, all quarterly monitoring analytical data to date are presented by location in Appendix B.

PCBs were detected in samples collected from monitoring wells T-6 (Aroclor-1260) and T-7 (Aroclor-1242, Aroclor-1260) on May 8, 2002. Since these compounds had not previously been detected within either of these two wells and since the detected concentrations were similar to what would be expected within a MS/MSD sample, ENVIRON suspected laboratory contamination as a possible source of these compounds. On July 11, 2002, ENVIRON returned to the ECC site and collected additional PCB samples from monitoring well T-6 and T-7. These additional samples, for both monitoring wells, contained no detectable concentrations of PCBs, thus confirming that the initial PCB detections were due to laboratory contamination.

#### **E. Quality Assurance and Quality Control Procedures**

To monitor the effectiveness of sampling procedures, ENVIRON collected a field blank by pumping laboratory supplied deionized water through the peristaltic pump and tubing into a sample container. For the metals and PCB samples, the deionized water was also passed through a 0.45-micron filter. One field blank was collected and analyzed this quarter. Three trip blanks were submitted to the laboratory to monitor for possible contamination during sample handling, transport, and storage. The trip blanks accompanied the samples and were analyzed for the VOCs listed in Table 3-1 of Revised Exhibit A. The trip and field blank samples results were compared to the most stringent of the Acceptable Stream Concentrations and the Acceptable Subsurface Water Concentrations for each analyte. The trip and field blank sample results are presented in Table 5.

Toluene and methylene chloride were detected at low concentrations (below the contract required detection limit) in the May 8, 2002 trip blank and field blank. ENVIRON believes that the toluene and methylene chloride concentrations detected within the trip blank and field blank is the result of laboratory contamination.

1,2-Dichloroethene (total) and vinyl chloride were detected at a low concentrations in the May 8, 2002 field blank. A similar concentration of vinyl chloride was detected in

CompuChem's laboratory method blank. ENVIRON believes that the vinyl chloride concentrations detected within the field blank is the result of laboratory contamination. The 1,2-dichloroethene (total) source could not be determined.

Low concentrations of antimony, barium, and zinc were reported in the May 8, 2002 field blank. A low concentration of zinc was detected in the respective monitoring well. The source of these metals could not be determined.

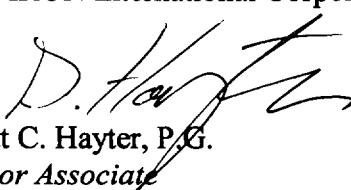
The trip blanks and the deionized water, used for the collection of the field blanks were prepared by CompuChem for this sampling event.

To evaluate the reproducibility of results, ENVIRON collected one duplicate surface water sample from off-site till monitoring well T-7. The duplicate sample was collected using the described method in Section 6.3 of the FSP. The results of the duplicate sample are presented in Table 3, respectively. The results for the duplicate pair were similar, indicating good reproducibility of the sampling and analytical methods. In addition to the duplicate samples, ENVIRON collected additional sample volume from the off-site subsurface water sampling point S-2 for the laboratory matrix spike and matrix spike duplicate (MS/MSD) samples.

If you have any questions about this letter or any other aspects of the project, please do not hesitate to contact us.

Sincerely,

ENVIRON International Corporation



Scott C. Hayter, P.G.  
*Senior Associate*

SCH:als

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cc: Mr. Michael Habeck – IDEM  
Mr. Tim Harrison – CH2M Hill  
Mr. Allen Erickson – CH2M Hill  
Dr. Roy O. Ball – ENVIRON International Corporation  
Norman Bernstein, Esq. – N. W. Bernstein & Associates, L.L.C.

## **T A B L E S**

**TABLE 1**  
**Subsurface Water Elevations - May 6, 2002**  
**ECC Compliance Monitoring Wells**  
**Second Quarter 2002**

<b>Well Number</b>	<b>Rim of PVC Elevation (feet AMSL)</b>	<b>Depth-to-Water (feet)</b>	<b>Water Elevation (feet AMSL)</b>
T-1	897.41	14.61	882.80
T-2A	901.13	18.29	882.84
T-3	896.07	14.23	881.84
T-4A	895.37	10.52	884.85
T-5	889.08	5.52	883.56
T-6	891.76	8.78	882.98
T-7	891.02	9.19	881.83
T-8	888.88	8.21	880.67
T-9	882.08	2.65	879.43
T-10	889.42	7.35	882.07
S-1	890.27	7.78	882.49
S-2	888.46	6.72	881.74
S-3	882.45	2.02	880.43
S-4A	889.59	7.99	881.60
P-1	889.66	7.79	881.87
ECC MW-13	883.30	9.41	873.89

**Notes:**

AMSL = Above Mean Sea Level.

PVC = Polyvinyl Chloride Inner Well Casing.

**TABLE 2 (Page 1 of 3)**  
**Analytical Results for Subsurface Water Samples**  
**ECC Off-Site Till Monitoring Wells**  
**Second Quarter 2002**

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-6 ECTGW6-12 PUMPED 5/8/02	T-7 ECTGW7-12 PUMPED 5/8/2002 (07/11/02)	T-7 ECTGW7-12-D PUMPED 5/8/02	T-8 ECTGW8-12 PUMPED 5/7/02
<b>Volatile Organics</b>					
1,1-Dichloroethene	[1.85]	21	ND	ND	ND
1,2-Dichloroethene (total)	[9.4]	<b>14,000 D</b>	9	8	ND
Ethylbenzene	[3,280]	210 DJ	0.3 J	ND	ND
Methylene Chloride	[15.7]	ND	ND	0.2 J	0.2 J
Tetrachloroethene	[8.85]	6	ND	ND	ND
Toluene	[3,400]	3200 D	2	2	ND
1,1,1-Trichloroethane	[5,280]	480 DJ	ND	ND	ND
1,1,2-Trichloroethane	[41.8]	8	ND	ND	ND
Trichloroethene	[80.7]	8	2	2	0.4 J
Vinyl chloride	[525]	<b>17,000 D</b>	1	1	0.3 J

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[ ] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

J = Estimated value.

D = Compound quantitated on a diluted sample.

**TABLE 2 (Page 2 of 3)**  
**Analytical Results for Subsurface Water Samples**  
**ECC Off-Site Till Monitoring Wells**  
**Second Quarter 2002**

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-6 ECTGW6-12 PUMPED 5/8/2002 (07/11/02)	T-7 ECTGW7-12 PUMPED 5/8/2002 (07/11/02)	T-7 ECTGW7-12-D PUMPED 5/8/02	T-8 ECTGW8-12 PUMPED 5/7/02
<b>Semi-Volatile Organics</b>					
Bis(2-ethylhexyl)phthalate	[50,000]	1 J	1 J	2 J	1 J
Di-n-butylphthalate	[154,000]	0.3 J	ND	ND	ND
1,2-Dichlorobenzene	[763]	ND	ND	ND	ND
Diethylphthalate	[52,100]	3 J	ND	ND	ND
Naphthalene	[620]	19	ND	ND	ND
Phenol	[570]	19	6 J	5 J	ND
<b>Polychlorinated biphenyls</b>					
Aroclor-1016	[0.5]	ND (ND)*	ND (ND)*	ND	ND
Aroclor-1221	[1.0]	ND (ND)*	ND (ND)*	ND	ND
Aroclor-1232	[0.5]	ND (ND)*	ND (ND)*	ND	ND
Aroclor-1242	[0.5]	ND (ND)*	4.6 (ND)*	4.7	ND
Aroclor-1248	[0.5]	ND (ND)*	ND (ND)*	ND	ND
Aroclor-1254	[0.5]	ND (ND)*	ND (ND)*	ND	ND
Aroclor-1260	[0.5]	4.7 (ND)*	4.2 (ND)*	4.3	ND

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

J = Estimated value.

(ND)\* = Not Detected. Resampled due to suspected laboratory contamination.

**TABLE 2 (Page 3 of 3)**  
**Analytical Results for Subsurface Water Samples**  
**ECC Off-Site Till Monitoring Wells**  
**Second Quarter 2002**

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-6 ECTGW6-12 PUMPED 5/8/02	T-7 ECTGW7-12 PUMPED 5/8/02	T-7 ECTGW7-12-D PUMPED 5/8/02	T-8 ECTGW8-12 PUMPED 5/7/02
<b>Inorganics</b>					
Arsenic	[14.0]	<b>73.6</b>	ND	ND	ND
Chromium VI	[86.0]	ND	ND	ND	ND
Lead	[26.8]	1.2 B	ND	ND	ND
Nickel	[100]	15.3 B	2.5 B	1.7 B	1.2 B
Zinc	[152]	5.4 B	1.7 B	1.8 B	2.2 B
Cyanide	[23.9]	1.4 B	ND	ND	ND

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but>=instrument detection limit (inorganic).

**TABLE 3**  
**Analytical Results for Subsurface Water Samples**  
**ECC Off-Site Sand/Gravel Monitoring Wells**  
**Second Quarter 2002**

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	S-2 ECSGW2-12 PUMPED 5/7/02	MW13 ECSGWM13-12 PUMPED 5/7/02
<b>Volatile Organics</b>			
1,1-Dichloroethene	[1.85]	ND	ND
1,2-Dichloroethene (total)	[9.4]	ND	ND
Ethylbenzene	[3,280]	ND	ND
Methylene Chloride	[15.7]	0.5 J	0.2 J
Tetrachloroethene	[8.85]	ND	ND
Toluene	[3,400]	ND	ND
1,1,1-Trichloroethane	[5,280]	ND	ND
1,1,2-Trichloroethane	[41.8]	ND	ND
Trichloroethene	[80.7]	ND	ND
Vinyl chloride	[525]	0.3 J	ND
<b>Semi-Volatile Organics</b>			
Bis(2-ethylhexyl)phthalate	[50,000]	0.8 J	5 J
Di-n-butylphthalate	[154,000]	ND	ND
1,2-Dichlorobenzene	[763]	ND	ND
Diethylphthalate	[52,100]	ND	ND
Naphthalene	[620]	ND	ND
Phenol	[570]	ND	ND
<b>Polychlorinated biphenyls</b>			
Aroclor-1016	[0.5]	ND	ND
Aroclor-1221	[1.0]	ND	ND
Aroclor-1232	[0.5]	ND	ND
Aroclor-1242	[0.5]	ND	ND
Aroclor-1248	[0.5]	ND	ND
Aroclor-1254	[0.5]	ND	ND
Aroclor-1260	[0.5]	ND	ND
<b>Inorganics</b>			
Arsenic	[14.0]	ND	3.0 B
Chromium VI	[86.0]	ND	ND
Lead	[26.8]	ND	ND
Nickel	[100]	4.5 B	2.1 B
Zinc	[152]	2.5 B	2.3 B
Cyanide	[23.9]	0.66 B	ND

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

J = Estimated value.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but>=instrument detection limit (inorganic).

**TABLE 4**  
**Analytical Results for Surface Water Samples**  
**ECC Surface Water Locations**  
**Second Quarter 2002**

LOCATION ENVIRON SAMPLE ID COLLECTION DATE COMMENT	Acceptable Stream Concentration	SW-1 ECSW1-12 5/6/02	SW-2 ECSW2-12 5/6/02
<b>Volatile Organics</b>			
1,1-Dichloroethene	[1.85]	ND	ND
1,2-Dichloroethene (total)	[9.4]	ND	ND
Ethylbenzene	[3,280]	ND	ND
Methylene Chloride	[15.7]	ND	0.2 J
Tetrachloroethene	[8.85]	ND	ND
Toluene	[3,400]	0.2 J	0.2 J
1,1,1-Trichloroethane	[5,280]	ND	ND
1,1,2-Trichloroethane	[41.8]	ND	ND
Trichloroethene	[80.7]	ND	ND
Vinyl chloride	[525]	ND	ND
<b>Semi-Volatile Organics</b>			
Bis(2-ethylhexyl)phthalate	[50,000]	ND	2 J
Di-n-butylphthalate	[154,000]	ND	ND
1,2-Dichlorobenzene	[763]	ND	ND
Diethylphthalate	[52,100]	ND	ND
Naphthalene	[620]	ND	ND
Phenol	[570]	ND	ND
<b>Polychlorinated biphenyls</b>			
Aroclor-1016	[0.5]	ND	ND
Aroclor-1221	[1.0]	ND	ND
Aroclor-1232	[0.5]	ND	ND
Aroclor-1242	[0.5]	ND	ND
Aroclor-1248	[0.5]	ND	ND
Aroclor-1254	[0.5]	ND	ND
Aroclor-1260	[0.5]	ND	ND
<b>Inorganics</b>			
Arsenic	[14.0]	ND	3.0 B
Chromium VI	[86.0]	ND	ND
Lead	[26.8]	2.5 B	1.5 B
Nickel	[100]	6.0 B	5.9 B
Zinc	[152]	12.8 B	14.0 B
Cyanide	[23.9]	2.8 B	3.7 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site-Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

J = Estimated Value.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

**TABLE 5 (Page 1 of 2)**  
**Analytical Results for Quality Assurance / Quality Control Samples**  
**Second Quarter 2002**

ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE	TYPE Most Stringent Acceptable Concentration	TRIP BLANK	TRIP BLANK	TRIP BLANK	FIELD BLANK	FIELD BLANK
		ECTB1-12 LAB 5/6/02	ECTB2-12 LAB 5/7/02	ECTB3-12 LAB 5/8/02	ECTGW6-12-B PUMP 5/8/02	ECTGW7-12-B PUMP 7/11/02
<b>Volatile Organic Compounds</b>						
Acetone	[3,500]	ND	ND	ND	ND	(NA)*
1,1-Dichloroethene	[1.85]	ND	ND	ND	ND	(NA)*
1,2-Dichloroethene (total)	[9.4]	ND	ND	ND	2	(NA)*
Ethylbenzene	[680]	ND	ND	ND	ND	(NA)*
Methylene Chloride	[15.7]	ND	ND	0.2 J	0.2 J	(NA)*
Methyl ethyl ketone	[170]	ND	ND	ND	ND	(NA)*
Methyl Isobutyl ketone	[1,750]	ND	ND	ND	ND	(NA)*
Tetrachloroethene	[5.0]	ND	ND	ND	ND	(NA)*
Toluene	[2,000]	ND	ND	0.3 J	0.6 J	(NA)*
1,1,1-Trichloroethane	[200]	ND	ND	ND	ND	(NA)*
1,1,2-Trichloroethane	[5.0]	ND	ND	ND	ND	(NA)*
Trichloroethene	[6.4]	ND	ND	ND	ND	(NA)*
Vinyl Chloride	[5.0]	ND	ND	ND	3	(NA)*
Xylenes (Total)	[10,000]	ND	ND	ND	ND	(NA)*
<b>Semi-Volatile Organic Compounds</b>						
Bis (2-ethylhexyl) phthalate	[7.1]	NA	NA	NA	ND	(NA)*
Di-n-butyl phthalate	[3,500]	NA	NA	NA	ND	(NA)*
1,2-Dichlorobenzene	[600]	ND	ND	ND	ND	(NA)*
Diethyl Phthalate	[28,000]	NA	NA	NA	ND	(NA)*
Isophorone	[8.5]	NA	NA	NA	ND	(NA)*
Naphthalene	[620]	NA	NA	NA	ND	(NA)*
Phenol	[570]	NA	NA	NA	ND	(NA)*

**Notes:**

All concentrations are in ug/L.

[2] = Most stringent of the Revised Site-Specific Acceptable Stream Concentrations and Acceptable Subsurface Water Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

J = Estimated value.

NA = Not Analyzed.

(NA)\* = Not Analyzed in this sampling event.

**TABLE 5 (Page 2 of 2)**  
**Analytical Results for Quality Assurance / Quality Control Samples**  
**Second Quarter 2002**

ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE	TYPE Most Stringent Acceptable Concentration	TRIP BLANK ECTB1-12 LAB 5/6/02	TRIP BLANK ECTB2-12 LAB 5/7/02	TRIP BLANK ECTB3-12 LAB 5/8/02	FIELD BLANK ECTGW6-12B PUMP 5/8/02	FIELD BLANK ECTGW7-12B PUMP 7/11/02
<b>Polychlorinated biphenyls</b>						
Aroclor 1016	[0.5]	NA	NA	NA	ND	(ND)*
Aroclor 1221	[1.0]	NA	NA	NA	ND	(ND)*
Aroclor 1232	[0.5]	NA	NA	NA	ND	(ND)*
Aroclor 1242	[0.5]	NA	NA	NA	ND	(ND)*
Aroclor 1248	[0.5]	NA	NA	NA	ND	(ND)*
Aroclor 1254	[0.5]	NA	NA	NA	ND	(ND)*
Aroclor 1260	[0.5]	NA	NA	NA	ND	(ND)*
<b>Inorganics</b>						
Antimony	[46.5]	NA	NA	NA	2.7 B	(NA)*
Arsenic	[14]	NA	NA	NA	ND	(NA)*
Barium	[1,000]	NA	NA	NA	1.1 B	(NA)*
Beryllium	[4]	NA	NA	NA	ND	(NA)*
Cadmium	[10]	NA	NA	NA	ND	(NA)*
Chromium VI	[86]	NA	NA	NA	ND	(NA)*
Lead	[26.8]	NA	NA	NA	ND	(NA)*
Manganese	[7,000]	NA	NA	NA	ND	(NA)*
Nickel	[100]	NA	NA	NA	ND	(NA)*
Silver	[50]	NA	NA	NA	ND	(NA)*
Tin	[21,000]	NA	NA	NA	ND	(NA)*
Vanadium	[245]	NA	NA	NA	ND	(NA)*
Zinc	[152]	NA	NA	NA	3.4 B	(NA)*
Cyanide (Total)	[23.9]	NA	NA	NA	ND	(NA)*

**Notes:**

All concentrations are in ug/L.

[ ] = Most stringent of the Revised Site-Specific Acceptable Stream Concentrations and Acceptable Subsurface Water Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

B = Analyte value is <contract required detection limit but >= instrument detection limit.

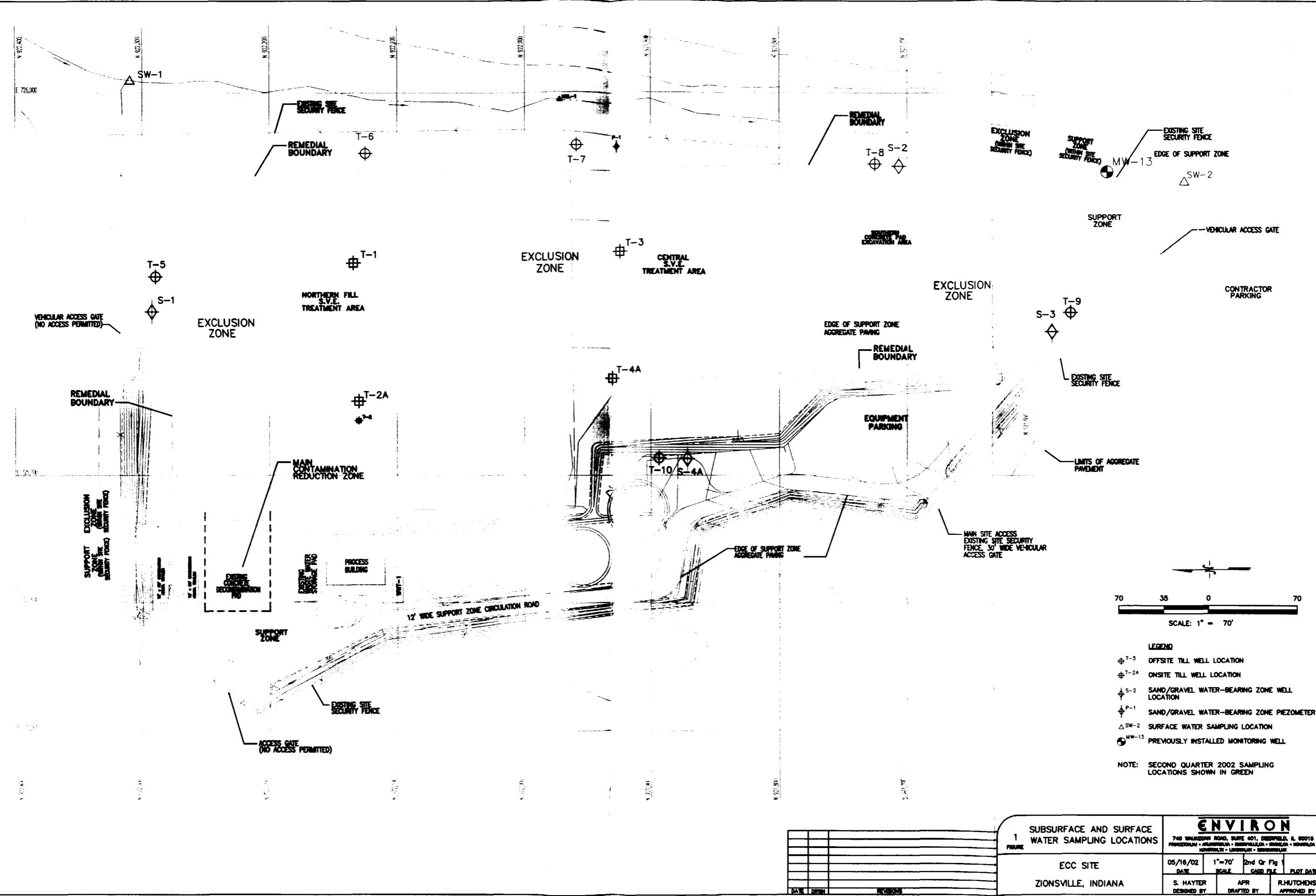
ND = Not Detected.

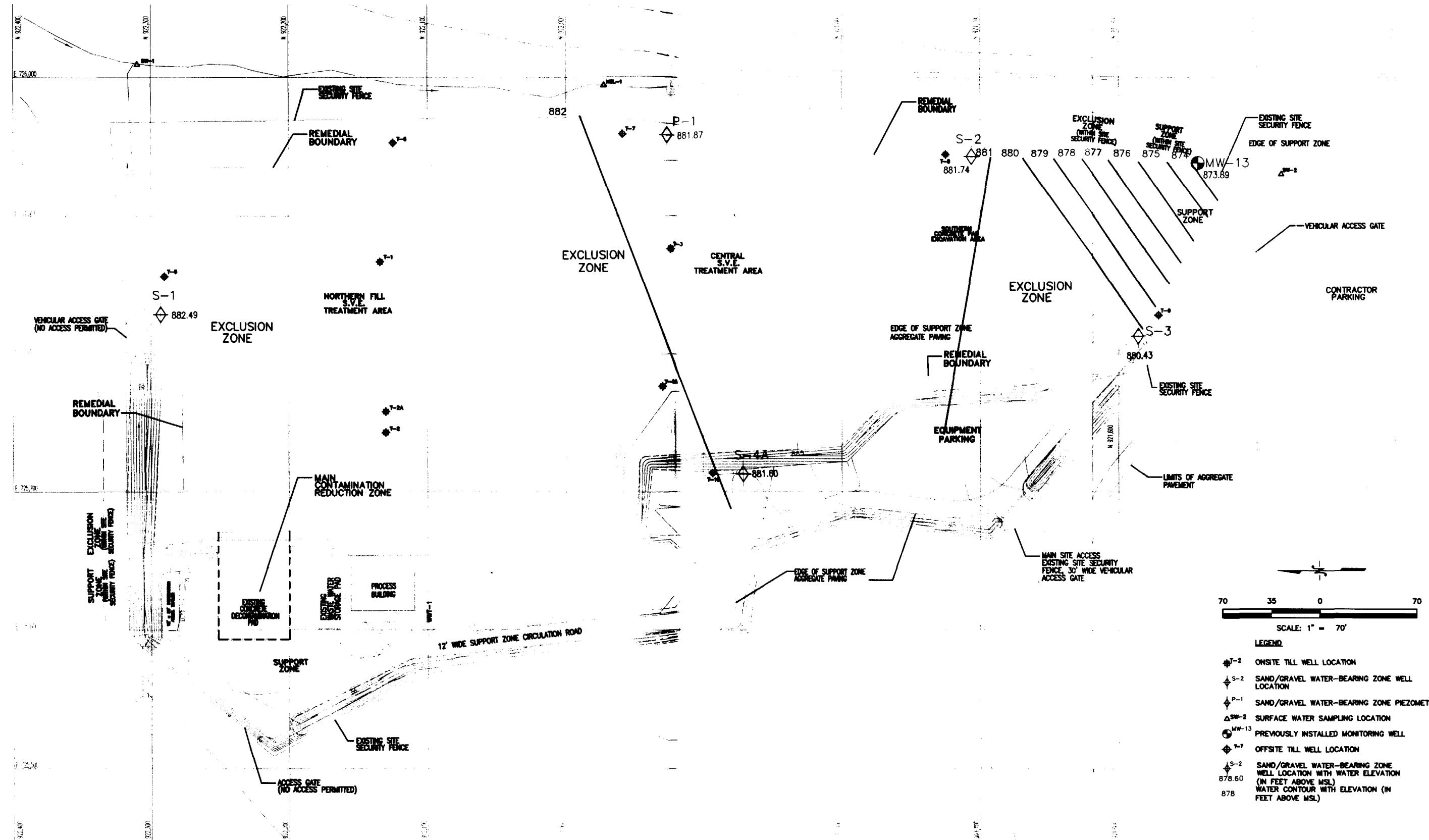
NA = Not analyzed.

(NA)\* = Not Analyzed this sampling event.

(ND)\* = Not Detected. Resampled due to suspected laboratory contamination

## **FIGURES**





**A P P E N D I X A**  
**Field Measurements and Purge Data**

**TABLE A-1**  
**Field Measurements and Purge Data**  
**Second Quarter 2002 Off-site Till Wells**  
**ECC Superfund Site**

Field Parameters and Data	T-6	T-7	T-8
Date	5/8/02	5/8/02	5/7/02
Weather Conditions	Rain 60 F	Rain 60 F	Rain 60 F
<i>Before Purging</i>			
pH	6.5	9.1	7.12
Dissolved Oxygen (mg/L)	0.5	2.1	1.08
Temperature (C)	12	12	12.9
Specific Conductivity (mS/cm)	2.6	0.52	0.757
Total Depth of Well (Ft from top of inner casing to water)	19.4	17.6	15.9
Depth to water (Ft from top of inner casing to water)	8.78	9.19	8.21
Estimated water volume in well (gallons)	1.7	1.4	1.3
Three Well Volumes (gallons)	5.2	4.1	3.8
<i>After Purging</i>			
Purge Start	1102	935	844
Purge End	1140	1016	913
Purge Method	PP	PP	PP
Approximate Purge Rate (gpm)	0.15	0.11	0.10
Total Volume Purged (gal.)	~5.5	~ 4.5	~2.9**
pH	6.5	7.4	7.17
Dissolved Oxygen (mg/L)	0.5	1.8	1.42
Temperature (C)	11	12	12.5
Specific Conductivity (mS/cm)	2.6	0.81	0.748
<i>Sampling</i>			
Sampling Date(s)	5/8/02	5/8/02	5/7/02
Sampling End Time	1200	1045	1421
Sampling Method	PP	PP	PP
<i>Notes:</i>			
** = Well purged dry			
PP = Peristaltic Pump			

**TABLE A-2**  
**Field Measurements and Purge Data**  
**Second Quarter 2002 Off-site Sand/Gravel Wells**  
**ECC Superfund Site**

Field Parameters and Data	S-2	MW-13
Date	5/7/02	5/7/02
Weather Conditions	Rain 60 F	Rain 60 F
<i>Before Purging</i>		
pH	7	6.8
Dissolved Oxygen (mg/L)	1.3	4.1
Temperature (C)	12	13
Specific Conductivity (mS/cm)	1.3	0.89
Total Depth of Well (Feet below ground surface)	22.2	17
Depth to water (Ft from top of inner casing to water)	6.72	9.41
Estimated water volume in well (gallons)	2.5	1.2
Three Well Volumes(gallons)	7.6	3.7
<i>After Purging</i>		
Purge Start	931	1302
Purge End	1014	1335
Purge Method	PP	PP
Approximate Purge Rate (gpm)	0.19	0.12
Total Volume Purged (gal.)	~ 8.0	~ 4
pH	7.1	6.6
Dissolved Oxygen (mg/L)	0.4	1.7
Temperature (C)	12	12
Specific Conductivity (mS/cm)	1	0.88
<i>Sampling</i>		
Sampling Date(s)	5/7/02	5/7/02
Sampling End Time	1100	1350
Sampling Method	PP	PP
<i>Notes:</i>		
PP = Peristaltic Pump		

**TABLE A-3**  
**Field Measurements**  
**Second Quarter 2002 Surface Water Sampling**  
**ECC Superfund Site**

Field Parameters and Data	SW-1	SW-2
Date	5/6/02	5/6/02
Weather Conditions	60 F Rain	60 F Rain
Sampling Time	1540	1618
pH	7.49	7.58
Dissolved Oxygen (mg/L)	7.3	7.08
Temperature (C)	17.4	17.5
Specific Conductivity (mS/cm)	1.04	1.04
<i>Unnamed Ditch Flow Measurements</i>		
Flow Velocity (ft/sec)	2.86	2.904
Cross Sectional Area (ft <sup>2</sup> )	1.11	1.33
Calculated Flow Volume (Gal/min)	190	193.2
<i>Storm Event - Rain Accumulation</i>		
Accumulation 24 hours prior to sampling (inches) *	0.00	0.00
Accumulation 48 hours prior to sampling (inches) *	0.00	0.00
<i>Notes:</i>		
*Measurement recorded at Fisher weather station in Hamilton County.		

**A P P E N D I X B**  
**Historical Quarterly Monitoring Analytical Data**

**TABLE B-1**  
**Summary of Analytical Results for Monitoring Well T-1**  
**ECC Superfund Site**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Subsurface Water Concentration	T-1 ECTGW1-01 4th 1998	T-1 ECTGW-03 2nd 1999	T-1 ECTGW1-05 4th 1999	T-1 ECTGW1-06 2nd 2000	T-1 ECTGW1-07 4th 2000	T-1 ECTGW1-08 1st 2001	T-1 ECTGW1-09 3rd 2001	T-1 ECTGW1-11 1st 2002
<b>Volatile Organics</b>									
Acetone	[3,500]	2 U	2 U	1.0 J	2 U	5 U	5 U	2 J	5 U
1,1-Dichlorethane	[7]	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene(total)	[70]	0.4 JB	0.5 U	0.8	0.1 J	0.3 J	0.2 J	0.2 J	1 U
Ethylbenzene	[680]	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Methylene Chloride	[156.6]	2 B	1	0.8	1 B	0.8 J	2 U	2 U	2 U
Methyl ethyl ketone	[170]	2 U	2 U	1.0 J	2 U	5 U	5 U	5 U	5 U
Methyl isobutyl ketone	[1,750]	2 U	2 U	2.0 U	2 U	5 U	5 U	5 U	5 U
Tetrachloroethene	[5.0]	1	14	0.6	0.7	1 U	1 U	1	0.9 J
Toluene	[2,000]	0.5 U	2	0.3 J	0.2 J	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	[200]	0.5 U	9	0.5 U	0.5 U	1 U	1 U	1 U	0.2 J
1,1,2 Trichloroethane	[5.0]	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Trichloroethene	[6.4]	0.5 U	22	0.4 J	.4 J	0.3 J	0.3 J	0.9 J	1
Vinyl Chloride	[5.0]	0.5 U	0.4 J	0.5 U	0.6	1	1 U	2	1 U
Xylenes (total)	[10,000]	0.4 JB	0.6	0.5 U	0.5 U	1 U	1 U	1 U	1 U
<b>Semi-Volatile Organics</b>									
Bis (2-ethylhexyl) phthalate	[7.1]	10 U	2 J	4.0 J	0.9 J	2 J	1 JB	7 J	10 U
Di-n-butyl phthalate	[3,500]	10 U	1 U	9.0 U	9 U	1 U	10 U	10 U	10 U
1,2-Dichlorobenzene	[600]	10 U	11 U	9.0 U	9 U	1 U	1 U	1 U	1 U
Diethylphthalate	[28,000]	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U	10 U
Isopropenyl	[8.5]	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U	10 U
Naphthalene	[14,000]	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U	10 U
Phenol	[1,400]	16	11 U	9.0 U	9 U	11 U	10 U	10 U	10 U
<b>Polychlorinated biphenyls</b>									
Aroclor-1016	[0.5]	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1221	[1.0]	2 U	1.0 U	1.0 U	0.98 U	2.0 U	2.0 U	2 U	2 U
Aroclor-1232	[0.5]	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1242	[0.5]	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1248	[0.5]	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1254	[0.5]	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1260	[0.5]	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U	1 U
<b>Inorganics</b>									
Antimony	[46.5]	1.7 U	1.0 U	NA	3.1 B	2.4 B	2.5 U	1.7 U	1.5 U
Arsenic	[50]	3.6 B	2.1 B	7.6 U	2.1 U	3.4 U	4.2 U	3.5 B	1.7 U
Barium	[1,000]	425	587	NA	398	344	353	287	322
Beryllium	[4]	1 U	0.61 B	NA	0.10 U	0.2 U	0.1 U	0.40 U	0.30 U
Cadmium	[10]	1 U	0.57 B	0.30 U	0.30 U	0.3 U	0.60 U	0.40 U	0.30 U
Chromium VI	[50]	10 U	10 U	10.0 U	160	10 U	10 U	10 U	10 U
Lead	[50]	0.7 U	1.0 U	1.5 U	1.1 U	2.1 U	1.7 U	1.8 U	1.6 U
Manganese	[7,000]	115	103	NA	125	262	204	234	117
Nickel	[150]	0.7 U	3.1 B	1.1 U	3.2 U	1.6 B	1.3 U	1.4 U	1 U
Silver	[50]	0.4 U	0.4 U	NA	0.50 U	0.4 U	0.50 U	0.50 U	0.50 U
Tin	[21,000]	4.7 U	2.0 U	NA	2.8 U	6.1 U	9.0 U	3.7 U	2.6 U
Vanadium	[245]	0.51 B	0.4 U	NA	0.74 B	0.7 U	0.70 U	0.60 U	1.7 U
Zinc	[7,000]	1.5 U	39.6	3.1 U	9.6 B	1.2 U	1.1 U	0.70 U	4.6 U
Cyanide	[134]	10 U	4.7 U	8.2 U	0.90 U	0.9 U	0.60 U	0.80 U	1.3 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Subsurface Water Concentrations as presented in the December 22, 2000 Background Report.

(/)= Revised Site-Specific Acceptable Subsurface Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated value.

NA= Sample was not analyzed due to laboratory error.

**TABLE B-2**  
**Summary of Analytical Results for Monitoring Well T-2 and T-2A**  
**ECC Superfund Site**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Subsurface Water Concentration	T-2 ECTGW2-01 4th 1998	T-2 ECTGW-03 2nd 1999	T-2A ECTGW2-07 4th 2000	T-2A ECTGW2-08 1st 2001	T-2A ECTGW2-09 3rd 2001	T-2A ECTGW2-11 1st 2002
<b>Volatile Organics</b>							
Acetone	[3,500]	10,000 B	12,000 U	3,000	1,800	20,000	28,000
1,1-Dichloroethene	[7]	1,900 U	1,900 J	800	82	3,600 U	3,100
1,2-Dichloroethene(total)	[70]	1,900 U	4,200	1,444	580	890 J	1,000 J
Ethylbenzene	[680]	1,900 U	1,900 J	800	200	3,600 U	720 J
Methylene Chloride	[156.6]	12,000 B	71,000	6,100	1,600 DJ	7,200 U	2,800 J
Methyl ethyl ketone	[170]	2,200 J	12,000 U	2,000 U	1,100	18,000 U	8,400 J
Methyl isobutyl ketone	[1,750]	2,700 J	12,000 JB	2,000 U	230 J	18,000 U	13,000 U
Tetrachloroethene	[5.0]	17,000	79,000 D	53,000	17,000 DB	18,000	110,000 D
Toluene	[2,000]	3,600	22,000	8,800	2,400 D	1,200 J	7,000
1,1,1-Trichloroethane	[200]	31,000	91,000 D	30,000	6,400 D	6,800	28,000
1,1,2 Trichloroethane	[5.0]	1,900 U	2,500 U	77	50 U	3,600 U	2,500 U
Trichloroethene	[6.4]	6,000	190,000 D	50,000	15,000 DB	17,000	49,000
Vinyl Chloride	[5.0]	1,900 U	2,500 U	20	50 U	3,600 U	2,500 U
Xylenes (total)	[10,000]	1,900 U	8,900	2,900	830	3,600 U	3,100
<b>Semi-Volatile Organics</b>							
Bis (2-ethylhexyl) phthalate	[7.1]	1,300	8,000 J	2.5 U	2 JB	10 U	41
Di-n-butyl phthalate	[3,500]	59 J	10,000 U	10 U	10 U	10 U	0.7 J
1,2-Dichlorobenzene	[600]	6,900	77,000	64.6	68	3,600 U	360 J
Diethylphthalate	[28,000]	500 U	10,000 U	10 U	10 U	2 J	4 J
Isopropone	[8.5]	390 J	10,000 U	8.3 U	10 U	21	57
Naphthalene	[14,000]	410 J	18,000 J	10 U	1 J	3 J	13
Phenol	[1,400]	200	10,000 U	10 U	7 J	5 J	12
<b>Polychlorinated biphenyls</b>							
Aroclor-1016	[0.5]	1 U	1.3 U	0.8 U	1 U	1 U	1 U
Aroclor-1221	[1.0]	2 U	2.5 U	0.8 U	2 U	2 U	2 U
Aroclor-1232	[0.5]	1 U	1.3 U	0.8 U	1 U	1 U	1 U
Aroclor-1242	[0.5]	1 U	1.3 U	0.8 U	1 U	1 U	1 U
Aroclor-1248	[0.5]	1 U	1.3 U	0.8 U	1 U	1 U	1 U
Aroclor-1254	[0.5]	1 U	1.3 U	0.8 U	1 U	1 U	1 U
Aroclor-1260	[0.5]	1 U	1.3 U	0.8 U	1 U	1 U	1 U
<b>Inorganics</b>							
Antimony	[46.5]	1.7 U	4.4 B	100 U	2.5 U	1.7 U	1.5 U
Arsenic	[50]	6.4 B	8.1 B	20 U	4.2 U	6.2 B	1.7 B
Barium	[1,000]	184	852	130	108 B	97.2 B	111 B
Beryllium	[4]	0.2 U	0.35 B	NA	0.20 B	0.40 B	0.30 U
Cadmium	[10]	1.1	1.9 B	5 U	0.60 U	0.40 U	0.30 U
Chromium VI	[50]	10 U	10 U	10 U	NA	13.14	10 U
Lead	[50]	0.7 U	1.0 U	50 U	1.7 U	1.8 U	1.6 U
Manganese	[7,000]	21	1.1 B	250	360	324	258
Nickel	[150]	2 B	3.8 B	10 U	17.7 B	8.6 B	6.2 B
Silver	[50]	0.4 U	0.4 U	10 U	0.50 U	0.50 U	0.50 U
Tin	[21,000]	4.7 U	33.5	NA	9.0 U	3.7 U	2.6 U
Vanadium	[245]	1.2 B	3.1 B	50 U	3.8 B	0.60 U	1.7 U
Zinc	[7,000]	1.5 U	1.1 B	10 U	23.5	35.1	4.6 U
Cyanide	[154]	10 U	4.7 U	NA	0.60 U	0.80 U	0.80 U

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Subsurface Water Concentrations as presented in the December 22, 2000 Background Report.

(J)= Revised Site-Specific Acceptable Subsurface Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

NA= Sample was not analyzed due to laboratory error.

J = Estimated value.

D= Sample quantitated on a diluted sample.

**TABLE B-3**  
**Summary of Analytical Results for Monitoring Well T-3**  
**ECC Superfund Site**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Subsurface Water Concentration	T-3 ECTGW3-01 4th 1998	T-3 ECTGW3-03 2nd 1999	T-3 ECTGW3-05 4th 1999	T-3 ECTGW3-06 2nd 2000	T-3 ECTGW3-07 4th 2000	T-3 ECTGW3-08 1st 2001	T-3 ECTGW3-09 3rd 2001	T-3 ECTGW3-11 1st 2002
<i>Volatile Organics</i>									
Acetone	[3,500]	550 JB	780 U	22 B	2 U	20	10	44	840 U
1,1-Dichloroethene	[7]	160 U	160 U	4.0	3	5 U	2	3	170 U
1,2-Dichloroethene(total)	[70]	<b>5,200</b>	<b>5,780</b>	<b>6,400 D</b>	<b>3,800 D</b>	<b>9,040</b>	<b>4,100 D</b>	<b>3,000 D</b>	<b>5,100</b>
Ethylbenzene	[680]	160 U	160 U	2.0	6	7	0.3 J	0.6J	170 U
Methylene Chloride	[156.6]	<b>270 B</b>	<b>98 JB</b>	<b>6.0</b>	<b>5 B</b>	<b>5 U</b>	<b>2</b>	<b>3</b>	<b>330 U</b>
Methyl ethyl ketone	[170]	<b>780 U</b>	<b>780 U</b>	<b>2.0 U</b>	<b>2 U</b>	<b>20 U</b>	<b>5 U</b>	<b>5 U</b>	<b>840 U</b>
Methyl isobutyl ketone	[1,750]	250 J	780 U	99	7	20 U	5 U	0.9 J	840 U
Tetrachloroethene	[5.0]	160 U	160 U	<b>21</b>	<b>10</b>	<b>130</b>	<b>9</b>	<b>9</b>	<b>170 U</b>
Toluene	[2,000]	280	190	90 DJ	57 DJ	53	2	8	65 J
1,1,1-Trichloroethane	[200]	92 J	160 U	59 DJ	32 E	52	16	14	170 U
1,1,2 Trichloroethane	[5.0]	160 U	160 U	3.0	2	5 U	2	2	170 U
Trichloroethene	[6.4]	160 U	160 U	<b>49 DJ</b>	<b>21</b>	<b>70</b>	<b>15</b>	<b>16</b>	<b>170 U</b>
Vinyl Chloride	[5.0]	<b>280</b>	<b>270</b>	<b>470 D</b>	<b>160 D</b>	<b>300</b>	<b>290 D</b>	<b>300 D</b>	<b>900</b>
Xylenes (total)	[10,000]	110 J	160 U	46	20	36	6	9	170 U
<i>Semi-Volatile Organics</i>									
Bis (2-ethylhexyl) phthalate	[7.1]	<b>29</b>	<b>9 J</b>	<b>32</b>	<b>12</b>	<b>2.5 U</b>	<b>10 U</b>	<b>10 U</b>	<b>100 DB</b>
Di-n-butyl phthalate	[3,500]	10 U	10 U	1.0 J	10 U				
1,2-Dichlorobenzene	[600]	21	9 J	24	4 J	10 U	2 B	10 U	170 U
Diethylphthalate	[28,000]	10 U	10 U	11 U	10 U				
Isopropone	[8.5]	3 J	3 J	11 U	10 U	<b>8.3 U</b>	10 U	10 U	10 U
Naphthalene	[14,000]	4 J	1 J	6.0 J	10 U				
Phenol	[1,400]	10	10 U	1.0 J	10 U	10 U	10 U	10 U	0.6 J
<i>Polychlorinated biphenyls</i>									
Aroclor-1016	[0.5]	1 U	0.51 U	<b>0.49 U</b>	<b>0.56 U</b>	<b>0.6 U</b>	<b>1 U</b>	<b>1 U</b>	<b>1 U</b>
Aroclor-1221	[1.0]	2 U	1.0 U	<b>0.98 U</b>	<b>1.1 U</b>	<b>0.6 U</b>	<b>2 U</b>	<b>2 U</b>	<b>2 U</b>
Aroclor-1232	[0.5]	1 U	0.51 U	<b>0.49 U</b>	<b>0.56 U</b>	<b>0.6 U</b>	<b>1 U</b>	<b>1 U</b>	<b>1 U</b>
Aroclor-1242	[0.5]	1 U	0.51 U	<b>0.49 U</b>	<b>0.56 U</b>	<b>0.6 U</b>	<b>1 U</b>	<b>1 U</b>	<b>1 U</b>
Aroclor-1248	[0.5]	1 U	0.51 U	<b>0.49 U</b>	<b>0.56 U</b>	<b>0.6 U</b>	<b>1 U</b>	<b>1 U</b>	<b>1 U</b>
Aroclor-1254	[0.5]	1 U	0.51 U	<b>0.49 U</b>	<b>0.56 U</b>	<b>0.6 U</b>	<b>1 U</b>	<b>1 U</b>	<b>1 U</b>
Aroclor-1260	[0.5]	1 U	<b>29 J</b>	<b>0.49 U</b>	<b>0.56 U</b>	<b>0.6 U</b>	<b>1 U</b>	<b>1 U</b>	<b>1 U</b>
<i>Inorganics</i>									
Antimony	[46.5]	1.7 U	2.0 B	2.2 B	1.5 U	100 U	2.5 U	<b>3.5 B</b>	<b>1.5 U</b>
Arsenic	[50]	9.7 B	10.6	8.8 B	4.6 B	20 U	<b>7.4 B</b>	<b>11.3</b>	<b>6.5 B</b>
Barium	[1,000]	189	478	263	230	280	<b>192 B</b>	<b>204</b>	<b>197 B</b>
Beryllium	[4]	1 U	<b>0.68 B</b>	0.29 B	0.1 U	NA	0.10 U	0.40 U	0.30 U
Cadmum	[10]	0.7 U	1.9 B	0.31 B	0.3 U	5 U	0.60 U	0.40 U	0.30 U
Chromium VI	[50]	10 U	10 U	10.0 U	35.8	10 U	11.4	10 U	10 U
Lead	[50]	0.7 U	1.0 U	1.5 U	1.1 U	50 U	1.7 U	1.8 U	1.6 U
Manganese	[7,000]	24.7	151	167	195	240	<b>548</b>	<b>557</b>	<b>564</b>
Nickel	[150]	<b>40.3</b>	54.3	53.1	<b>44.6</b>	50	48	50.6	55.6
Silver	[50]	0.4 U	0.4 U	0.90 U	0.5 U	10 U	0.50 U	0.50 U	0.50 U
Tin	[21,000]	4.7 U	2.0 U	3.6 U	2.8 U	NA	9.0 U	3.7 U	2.6 U
Vanadium	[245]	0.56 B	0.4 U	<b>0.80 U</b>	<b>0.4 U</b>	<b>50 U</b>	<b>0.70 U</b>	<b>2.1 B</b>	<b>1.7 U</b>
Zinc	[7,000]	1.5 U	30	3.1 U	3.6 U	10 U	<b>3.7 B</b>	<b>3.0 B</b>	<b>4.6 U</b>
Cyanide	[154]	26.7	27	21.1	<b>6.8 B</b>	NA	2.9 B	1.6 B	<b>4.0 B</b>

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Subsurface Water Concentrations as presented in the December 22, 2000 Background Report.

/J= Revised Site-Specific Acceptable Subsurface Water Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

NA= Sample was not analyzed due to laboratory error.

J = Estimated value.

D= Sample quantitated on a diluted sample.

**TABLE B-4**  
**Summary of Analytical Results for Monitoring Well T-4A**  
**ECC Superfund Site**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Subsurface Water Concentration	T-4A ECTGW4-A-01 4th 1998	T-4A ECTGW-03 2nd 1999	T-4A ECTGW4-05 4th 1999	T-4A ECTGW4-06 2nd 2000	T-4A ECTGW4-07 4th 2000	T-4A ECTGW4-08 1st 2001	T-4A ECTGW4-09 3rd 2001	T-4A ECTGW4-11 1st 2002
<i>Volatile Organics</i>									
Acetone	[3,500]	2 U	2 U	3.0 B	2 U/2 U	5 U	5 U	2 J	5 U
1,1-Dichloroethene	[7]	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 J	1 U
1,2-Dichloroethene(total)	[70]	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	0.1 J	1 U
Ethylbenzene	[680]	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 J	1 U
Methylene Chloride	[156.6]	2 B	1	0.5	1 B/0.7 B	0.8 J	0.6 J	2 U	2 U
Methyl ethyl ketone	[170]	2 U	2 U	0.7 J	2 U/2 U	5 U	5 U	5 U	5 U
Methyl isobutyl ketone	[1,750]	2 U	2 U	2.0 U	2 U/2 U	5 U	5 U	5 U	5 U
Tetrachloroethene	[5.0]	4	0.5 U	2.0	0.5 U/0.5 U	1 U	1 U	0.2 J	1 U
Toluene	[2,000]	0.6 B	0.5 U	0.4 J	0.3 J/0.2 J	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	[200]	0.5 U	0.5 U	1.0	0.5 U/0.5 U	1 U	1 U	1 U	1 U
1,1,2 Trichloroethane	[5.0]	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 U	1 U
Trichloroethene	[6.4]	5	0.6	2.0	0.5 U/0.5 U	1 U	1 U	0.2 J	1 U
Vinyl Chloride	[5.0]	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 U	1 U
Xylenes (total)	[10,000]	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 U	1 U
<i>Semi-Volatile Organics</i>									
Bis (2-ethylhexyl) phthalate	[7.1]	5 J	10 U	13	7 J/10	2 J	3 JB	10 U	10 U
Di-n-butyl phthalate	[3,500]	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	[600]	10 U	10 U	10 U	10 U/10 U	1 U	1 U	1 U	1 U
Diethylphthalate	[28,000]	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U	10 U
Isoporone	[8.5]	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U	10 U
Naphthalene	[14,000]	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U	10 U
Phenol	[1,400]	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U	10 U
<i>Polychlorinated biphenyls</i>									
Aroclor-1016	[0.5]	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1221	[1.0]	2 U	1.0 U	1.1 U	1.0 U/1.0 U	2.0 U	2.0 U	2 U	2 U
Aroclor-1232	[0.5]	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1242	[0.5]	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1248	[0.5]	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1254	[0.5]	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1260	[0.5]	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U	1 U
<i>Inorganics</i>									
Antimony	[46.5]	1.7 U	1.0 U	1.8 U	1.5 U/1.5 U	2.6 B	2.5 U	1.7 B	1.5 U
Arsenic	[50]	1.7 B	1.4 U	7.6 U	2.1 U/5.2 B	3.4 U	4.2 U	1.2 U	1.7 U
Barium	[1,000]	197	255	67.1	47.9/93.1	40.4 B	40.6 B	358	41.5 B
Beryllium	[4]	0.2 U	0.34 B	0.39 B	0.1 U/0.1 U	0.2 U	0.10 U	0.40 U	0.30 U
Cadmium	[10]	1.1 B	1.7 B	0.30 U	0.3 U/0.3 U	0.3 U	0.60 U	0.40 U	0.30 U
Chromium VI	[30]	10 U	10 U	10.0 U	113/80.4	10 U	10 U	10 U	10 U
Lead	[30]	0.7 U	1.0 U	1.5 U	1.1 U/4.1	2.1 U	1.7 U	1.8 U	1.6 U
Manganese	[7,000]	63	191	289	85.2/293	330	49.1	18.5	221
Nickel	[150]	7.2 B	11.1	5.3	5.6/18	7.8 B	6.6 B	1.4 U	7.2 B
Silver	[50]	0.4 U	0.4 U	0.90 U	0.5 U/0.5 U	0.4 U	0.50 U	0.50 U	0.50 U
Tin	[21,000]	4.7 U	2.0 U	3.6 U	2.8 U/2.8 U	6.1 U	9.0 U	3.7 U	2.6 U
Vanadium	[245]	0.4 U	0.4 U	0.80 U	0.4 U/11.8 B	0.7 U	0.70 U	0.60 U	1.7 U
Zinc	[7,000]	1.5 U	30.8	3.1 U	3.6 U/40.4	1.2 U	1.1 U	1.7 B	4.6 U
Cyanide	[154]	10 U	4.7 U	8.2 U	0.9 U/0.9 U	1.1 B	0.69 B	0.80 U	0.95 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Subsurface Water Concentrations as presented in the December 22, 2000 Background Report.

[2]= Revised Site-Specific Acceptable Subsurface Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-5**  
**Summary of Analytical Results for Monitoring Well T-5**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-5 ECTGW5-01 4th 1998	T-5 ECTGW5-02 1st 1999	T-5 ECTGW5-03 2nd 1999	T-5 ECTGW5-04 3rd 1999	T-5 ECTGW5-05 4th 1999	T-5 ECTGW5-06 2nd 2000	T-5 ECTGW5-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U	1 U					
1,2-Dichloroethene(total)	[9.4]	0.5 U	1 U					
Ethylbenzene	[3,280]	0.5 U	1 U					
Methylene Chloride	[15.7]	2 B	0.7 B	0.4 J	0.1 J	0.9	1.0 B	2 U
Tetrachloroethene	[8.85]	0.5 U	1 U					
Toluene	[3,400]	0.5 U	0.2 J	1 U				
1,1,1-Trichloroethane	[5,280]	0.5 U	1 U					
1,1,2-Trichloroethane	[41.8]	0.5 U	1 U					
Trichloroethene	[80.7]	0.5 U	1 U					
Vinyl chloride	[525]	0.5 U	1 U					
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	4 J	12 U	12 U	9.0 U	7.0 J	1 J	1 J
Di-n-butyl phthalate	[154,000]	10 U	12 U	12 U	9.0 U	9.0 U	10 U	10 U
1,2-Dichlorobenzene	[763]	10 U	12 U	12 U	9.0 U	9.0 U	10 U	1 U
Diethylphthalate	[52,100]	10 U	12 U	12 U	9.0 U	9.0 U	10 U	10 U
Naphthalene	[620]	10 U	12 U	12 U	9.0 U	9.0 U	10 U	10 U
Phenol	[570]	10 U	12 U	2 J	9.0 U	9.0 U	10 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1221	[1.0]	2 U	1 U	1.0 U	1.0 U	1.0 U	0.94 U	2.0 U
Aroclor-1232	[0.5]	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1242	[0.5]	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1248	[0.5]	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1254	[0.5]	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1260	[0.5]	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14]	2.3 B	1.4 U	3.0 B	2.1 B	7.6 U	2.1 U	3.9 B
Chromium VI	[86]	10 U	10 U	10 U	10.0 U	10 U	100	10 U
Lead	[26.8]	0.7 U	1.3 B	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	[100]	1.4 B	0.8 U	3.3 B	3.2 B	2.6 B	3.2 U	3.0 B
Zinc	[152]	1.5 U	24.1	13.5 B	9.7 B	114	18 B	1.2 U
Cyanide	[23.9]	10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.3 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated value.

D= Sample quantitated on a diluted sample.

**TABLE B-5**  
**Summary of Analytical Results for Monitoring Well T-5**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-5 ECTGW5-08 1st 2001	T-5 ECTGW5-09 3rd 2001	T-5 ECTGW5-11 1st 2002				
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	1 U	1 U	1 U				
1,2-Dichloroethene(total)	[9.4]	1 U	1 U	1 U				
Ethylbenzene	[3.280]	1 U	1 U	1 U				
Methylene Chloride	[15.7]	0.5 J	1 U	2 U				
Tetrachloroethene	[8.85]	1 U	1 U	1 U				
Toluene	[3,400]	1 U	1 U	1 U				
1,1,1-Trichloroethane	[5.280]	1 U	1 U	1 U				
1,1,2-Trichloroethane	[41.8]	1 U	1 U	1 U				
Trichloroethene	[80.7]	1 U	1 U	1 U				
Vinyl chloride	[525]	1 U	1 U	1 U				
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	1 JB	12 U	1 J				
Di-n-butyl phthalate	[154,000]	10 U	12 U	10 U				
1,2-Dichlorobenzene	[763]	1 U	1 U	1 U				
Diethylphthalate	[52,100]	10 U	12 U	0.2 J				
Naphthalene	[620]	10 U	12 U	10 U				
Phenol	[570]	10 U	10 J	10 U				
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	1 U	1 U				
Aroclor-1221	[1.0]	2 U	2 U	2 U				
Aroclor-1232	[0.5]	1 U	1 U	1 U				
Aroclor-1242	[0.5]	1 U	1 U	1 U				
Aroclor-1248	[0.5]	1 U	1 U	1 U				
Aroclor-1254	[0.5]	1 U	1 U	1 U				
Aroclor-1260	[0.5]	1 U	1 U	1 U				
<b>Inorganics</b>								
Arsenic	[14]	4.2 U	2.8 U	1.9 B				
Chromium VI	[86]	10 U	10 U	10 U				
Lead	[26.8]	1.7 U	1.6 U	1.6 U				
Nickel	[100]	1.3 U	3.3 U	1 U				
Zinc	[152]	1.1 U	24	4.6 U				
Cyanide	[23.9]	0.60 U	0.80 U	0.8 U				

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/J = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated value.

D= Sample quantitated on a diluted sample.

**TABLE B-6**  
**Summary of Analytical Results for Monitoring Well T-6**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-6 ECTGW6-01 4th 1998	T-6 ECTGW6-02 1st 1999	T-6 ECTGW6-03 2nd 1999	T-6 ECTGW6-04 3rd 1999	T-6 ECTGW6-05 4th 1999	T-6 ECTGW6-06 2nd 2000	T-6 ECTGW6-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	500 U	1,200 U	620 U	<b>4.0</b>	37	1,200 U	1,000 U
1,2-Dichloroethene(total)	[9.4]	<b>20,000</b>	<b>47,000</b>	<b>54,000 D</b>	<b>71,300 D</b>	<b>11,750 D</b>	<b>36,000</b>	<b>18,000</b>
Ethylbenzene	[3.280]	500 U	1,200 U	620 U	10	140	230 J	240 J
Methylene Chloride	[15.7]	<b>970 B</b>	<b>1,500 B</b>	<b>570 JB</b>	7.0	<b>97</b>	<b>920 JB</b>	2,000 U
Tetrachloroethene	[8.85]	500 U	1,200 U	620 U	0.3 J	4.0 J	1,200 U	1,000 U
Toluene	[3.400]	1,100	2,300	<b>4,300</b>	72 E	620 D	<b>3,800</b>	2,900
1,1,1-Trichloroethane	[5.280]	940	920 J	4,100	2,500 D	25 U	1,800	1,000 U
1,1,2-Trichloroethane	[41.8]	500 U	1,200 U	620 U	0.5 U	25 U	1,200 U	1,000 U
Trichloroethene	[80.7]	500 U	1,200 U	620 U	0.6	8.0 J	1,200 U	1,000 U
Vinyl chloride	[525]	430 J	1,100 J	<b>2,500</b>	110 E	<b>1,200 D</b>	<b>1,500</b>	<b>10,000</b>
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	1 J	19 U	1 J	50 U	4.0 J	0.8 J	1 J
Di-n-butyl phthalate	[154,000]	11 U	19 U	10 U	50 U	9.0 U	10 U	10 U
1,2-Dichlorobenzene	[763]	26 U	27 D	<b>52 D</b>	<b>34 J</b>	29	68	250 J
Diethylphthalate	[52,100]	3 J	19 U	1 J	50 U	2.0 J	4 J	6 J
Naphthalene	[620]	14	7 DJ	10 J	11 J	9.0 J	24	21
Phenol	[570]	<b>870 D</b>	200 D	230 D	520	390 D	120 D	390 D
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.5 U	<b>0.49 U</b>	1.0 U
Aroclor-1221	[1.0]	2 U	1 U	1.1 U	1.0 U	1.0 U	<b>0.98 U</b>	2.0 U
Aroclor-1232	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.5 U	<b>0.49 U</b>	1.0 U
Aroclor-1242	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.5 U	<b>0.49 U</b>	1.0 U
Aroclor-1248	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.5 U	<b>0.49 U</b>	1.2 P
Aroclor-1254	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.5 U	<b>0.49 U</b>	1.0 U
Aroclor-1260	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.5 U	<b>0.49 U</b>	1.0 U
<b>Inorganics</b>								
Arsenic	[14]	<b>25.9 B</b>	<b>29.1</b>	<b>36.8</b>	<b>42.3</b>	<b>43.2</b>	<b>60.8</b>	<b>48.8</b>
Chromium VI	[86]	10 U	10 U	10 U	10.0 U	10.0 U	17.6	10 U
Lead	[26.8]	0.7 U	0.7 U	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	[100]	43	31	31.2	44.5	39.9	40.3	43.8
Zinc	[152]	1.5 U	<b>200</b>	19.0 B	12.8 B	27.3	3.6 U	1.2 U
Cyanide	[23.9]	10 U	10 U	4.7 U	3.4 B	8.2 U	0.9 U	1.9 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/J = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >- instrument detection limit (inorganic).

J = Estimated value.

P = Indicates a 25% or greater difference for detected concentrations between the two GC columns. The lower of the two values is reported.

D = Sample quantitated on a diluted sample.

**TABLE B-6**  
**Summary of Analytical Results for Monitoring Well T-6**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-6 ECTGW6-08 1st 2001	T-6 ECTGW6-09 3rd 2001	T-6 ECTGW6-10 4th 2001	T-6 ECTGW6-11 1st 2002	T-6 ECTGW6-12 2nd 2002		
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	250 U	1,000 U	1,300 U	1,300 U	21		
1,2-Dichloroethene(total)	[9.4]	<b>33,000 D</b>	<b>6,900</b>	<b>13,000</b>	<b>11,000</b>	<b>14,000 D</b>		
Ethylbenzene	[3,280]	350	1,000 U	1,300 U	220 J	210 DJ		
Methylene Chloride	[15.7]	<b>200 J</b>	2,000 U	2,500 U	2,500 U	2500 U		
Tetrachloroethene	[8.85]	250 U	1,000 U	1,300 U	1,300 U	6		
Toluene	[3,400]	<b>3,900</b>	2,200	3,100	3,200	3,200 D		
1,1,1-Trichloroethane	[5,280]	560	1,000 U	300 J	310 J	480 DJ		
1,1,2-Trichloroethane	[41.8]	250 U	1,000 U	1,300 U	1,300 U	8		
Trichloroethene	[80.7]	250 U	1,000 U	1,300 U	1,300 U	8		
Vinyl chloride	[525]	<b>9,900 D</b>	<b>14,000</b>	<b>13,000</b>	<b>11,000</b>	<b>17,000 D</b>		
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	2 J	6 JB	10 U	1 J		
Di-n-butyl phthalate	[154,000]	10 U	11 U	10 U	10 U	0.3 J		
1,2-Dichlorobenzene	[763]	140 JB	1,000 U	1,300 U	1,300 U	1300 U		
Diethylphthalate	[52,100]	3 J	2 J	3 J	2 J	3 J		
Naphthalene	[620]	17	19	20	16	19		
Phenol	[570]	260 D	53	28	45	19		
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	1 U	1 U	1 U	1 U (0.50 U)		
Aroclor-1221	[1.0]	2 U	2 U	2 U	2 U	2 U (1 U)		
Aroclor-1232	[0.5]	1 U	<b>3.2</b>	1 U	1 U	1 U (0.50 U)		
Aroclor-1242	[0.5]	1 U	1 U	1 U	1 U	1 U (0.50 U)		
Aroclor-1248	[0.5]	1 U	1 U	1 U	1 U	1 U (0.50 U)		
Aroclor-1254	[0.5]	1 U	1 U	1 U	1 U	1 U (0.50 U)		
Aroclor-1260	[0.5]	1 U	1 U	1 U	1 U	<b>4.7 (0.50 U)</b>		
<b>Inorganics</b>								
Arsenic	[14]	<b>55.2</b>	<b>139</b>	<b>40.2</b>	<b>40.1</b>	<b>73.6</b>		
Chromium VI	[86]	13.4	10 U	10 U	10 U	10 U		
Lead	[26.8]	1.7 U	1.8 U	2.2 U	1.6 U	1.2 B		
Nickel	[100]	26.2 B	<b>35.7 B</b>	21.2 B	20.2 B	15.3 B		
Zinc	[152]	1.1 U	2.5 B	1.1 U	4.6 U	5.4 B		
Cyanide	[23.9]	1.1 B	0.84 B	2.2 B	1.2 B	1.4 B		

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U - Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >- instrument detection limit (inorganic).

J = Estimated value.

D= Sample quantitated on a diluted sample.

(0.50 U) = PCBs resampled and confirmed non detect.

**TABLE B-7**  
**Summary of Analytical Results for Monitoring Well T-7**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-7 ECTGW7-01 4th 1998	T-7 ECTGW7-02 1st 1999	T-7 ECTGW7-03 2nd 1999	T-7 ECTGW7-04 3rd 1999	T-7 ECTGW7-05 4th 1999	T-7 ECTGW7-06 2nd 2000	T-7 ECTGW7-07 4th 2000
<i>Volatile Organics</i>								
1,1-Dichloroethene	[1.85]	0.8 U	2 U	2 U	0.5 U	0.5 U	0.5 U	4 U
1,2-Dichloroethene(total)	[9.4]	23	93	69	123 D	64 D	59	26
Ethylbenzene	[3.280]	0.8 U	2 U	2 U	1.0	2.0	3	4 U
Methylene Chloride	[15.7]	2 B	3 B	2 JB	1.0	0.6	3 B	8 U
Tetrachloroethene	[8.85]	0.4 J	2 U	2 U	2.0	3.0	3	4 U
Toluene	[3.400]	4	13	2 U	18	18	24	4
1,1,1-Trichloroethane	[5.280]	0.8 U	2 U	2 U	0.5 U	0.5 U	0.5 U	4 U
1,1,2-Trichloroethane	[41.8]	0.8 U	2 U	2 U	0.5 U	0.5 U	0.5 U	4 U
Trichloroethene	[80.7]	4	13	8	17	12	14	3 J
Vinyl chloride	[525]	0.6 J	1 J	1 J	3.0	2.0	7	0.7 J
<i>Semi-Volatile Organics</i>								
Bis (2-ethylhexyl) phthalate	[50,000]	1 J	10 U	2 J	2.0 J	1.0 J	2 J	10 U
Di-n-butyl phthalate	[154,000]	10 U						
1,2-Dichlorobenzene	[763]	2 J	10 U	10 U	10 U	10 U	2 J	4 U
Diethylphthalate	[52,100]	10 U						
Naphthalene	[620]	10 U						
Phenol	[570]	29 U	13	18	80	18	47	23
<i>Polychlorinated biphenyls</i>								
Aroclor-1016	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Aroclor-1221	[1.0]	2 U	0.99 U	1.1 U	1.0 U	0.91 U	1.0 U	2.0 U
Aroclor-1232	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Aroclor-1242	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Aroclor-1248	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Aroclor-1254	[0.5]	1 U	0.5 U	0.54 U	0.10 J	0.45 U	0.53 U	1.0 U
Aroclor-1260	[0.5]	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
<i>Inorganics</i>								
Arsenic	[14]	3.5 B	1.4 U	1.4 U	2.0 U	7.6 U	2.1 U	3.4 U
Chromium VI	[86]	10 U	10	10 U	10.0 U	10.0 U	10 U	10 U
Lead	[26.8]	0.88 B	1.8 B	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	[100]	6.8	6.8	7.2	8.5	5.0	6.9	4.4 B
Zinc	[152]	1.5 U	46.6	0.40 U	1.1 U	3.1 U	10.6 B	1.2 U
Cyanide	[23.9]	10 U	10 U	4.7 U	2.8 U	8.2 U	0.9 U	1.1 B

**Notes:**

All concentrations are in ug/l.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/J = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

D= Sample quantitated on a diluted sample.

J = Estimated Value.

**TABLE B-7**  
**Summary of Analytical Results for Monitoring Well T-7**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-7 ECTGW7-08 1st 2001	T-7 ECTGW7-09 3rd 2001	T-7 ECTGW7-10 4th 2001	T-7 ECTGW7-11 1st 2002	T-7 ECTGW7-12 2nd 2002		
<i>Volatile Organics</i>								
1,1-Dichloroethene	[1.85]	1 U	1 U	1 U	3 U	1 U/1 U		
1,2-Dichloroethene(total)	[9.4]	31	24	18 D	12	9/8		
Ethylbenzene	[3.280]	0.6 J	0.2 J	1	3 U	0.3 J/1 U		
Methylene Chloride	[15.7]	1 J	0.6 J	0.9 J	5 U	2 U/0.2 J		
Tetrachloroethylene	[8.85]	0.6 J	1	0.3 J	3 U	1 U/1 U		
Toluene	[3.400]	6	3	13	3	2/2		
1,1,1-Trichloroethane	[5.280]	1 U	1 U	1 U	3 U	1 U/1 U		
1,1,2-Trichloroethane	[41.8]	1 U	1 U	1 U	3 U	1 U/1 U		
Trichloroethylene	[80.7]	4	3	4	3	2/2		
Vinyl chloride	[525]	1	1	2	0.7 J	1/1		
<i>Semi-Volatile Organics</i>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	11 U	0.9 JB	10 U	1 J/5 J		
Di-n-butyl phthalate	[154,000]	10 U	11 U	10 U	10 U	10 U/10 U		
1,2-Dichlorobenzene	[763]	0.5 JB	0.2 J	4	3 U	1 U/1 U		
Diethylphthalate	[52,100]	10 U	11 U	10 U	10 U	10 U/10 U		
Naphthalene	[620]	10 U	11 U	10 U	10 U	10 U/10 U		
Phenol	[570]	18	6 J	13	2 J	6 J/5 J		
<i>Polychlorinated biphenyls</i>								
Aroclor-1016	[0.5]	1 U	1 U	1 U	1 U	1 U/1 U (ND)*		
Aroclor-1221	[1.0]	2 U	2 U	2 U	2 U	2 U/2 U (ND)*		
Aroclor-1232	[0.5]	1 U	1 U	1 U	1 U	1 U/1 U (ND)*		
Aroclor-1242	[0.5]	1 U	1 U	1 U	1 U	4.6/4.7 (ND)*		
Aroclor-1248	[0.5]	1 U	1 U	1 U	1 U	1 U/1 U (ND)*		
Aroclor-1254	[0.5]	1 U	1 U	1 U	1 U	1 U/1 U (ND)*		
Aroclor-1260	[0.5]	1 U	1 U	1 U	1 U	4.2/4.3 (ND)*		
<i>Inorganics</i>								
Arsenic	[14]	4.2 U	1.2 U	3 U	1.7 U	2 U/2 U		
Chromium VI	[86]	10 U	10 U	10 U	10 U	10 U/10 U		
Lead	[26.8]	1.7 U	1.8 U	2.2 U	1.6 U	1.1 U/1.1 U		
Nickel	[100]	4.7 B	3.3 B	2.9 B	1.0 U	2.5 B/1.7 B		
Zinc	[152]	1.1 U	0.70 U	1.1 U	4.6 U	1.7 B/1.8 B		
Cyanide	[23.9]	0.60 U	0.80 U	1.2 B	0.80 U	0.60 U/0.60 U		

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2 = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

D= Sample quantitated on a diluted sample.

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

(0.50 U) = PCBs resampled and confirmed non detect.

**TABLE B-8**  
**Summary of Analytical Results for Monitoring Well T-8**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-8 ECTGW8-01 4th 1998	T-8 ECTGW8-02 1st 1999	T-8 ECTGW-03 2nd 1999	T-8 ECTGW8-04 3rd 1999	T-8 ECTGW8-05 4th 1999	T-8 ECTGW8-06 2nd 2000	T-8 ECTGW8-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	[9.4]	<b>10 B</b>	6	6	6.0	3.0	5	6
Ethylbenzene	[3,280]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Methylene Chloride	[15.7]	2 B	0.7 B	0.5 JB	0.2 J	2.0	2 B	2 U
Tetrachloroethene	[8.85]	7	0.5 U	1	0.7	0.5 J	0.2 J	0.2 J
Toluene	[3,400]	0.9 B	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	1 U
1,1,1-Trichloroethane	[5,280]	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	1 U
1,1,2-Trichloroethane	[41.8]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Trichloroethene	[80.7]	10	0.5 J	2	1.0	0.9	0.7	0.9 J
Vinyl chloride	[525]	1	1	0.4 J	0.4 J	0.3 J	0.4 J	0.2 J
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	1 J	10 U	9 U	10 J	1.0 JB	1 J	10 U
Di-n-butyl phthalate	[154,000]	10 U	10 U	9 U	10 U	10 U	11 U	10 U
1,2-Dichlorobenzene	[763]	2 J	10 U	9 U	10 U	10 U	11 U	1 U
Diethylphthalate	[52,100]	10 U	10 U	9 U	10 U	10 U	11 U	10 U
Naphthalene	[620]	10 U	10 U	9 U	10 U	10 U	11 U	10 U
Phenol	[570]	16	10 U	9 U	3.0 J	10 U	11 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1221	[1.0]	2 U	1 U	1.0 U	0.91 U	0.98 U	1.0 U	2.0 U
Aroclor-1232	[0.5]	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1242	[0.5]	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1248	[0.5]	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1254	[0.5]	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1260	[0.5]	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14]	1.7 U	1.4 U	2.0 B	2.0 U	7.6 U	2.1 U	3.4 U
Chromium VI	[86]	10 U	10 U	10 U	10.0 U	10.0 U	10 U	10 U
Lead	[26.8]	1.1 B	2.0 B	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	[100]	3.7 B	1.8 B	2.5 B	2.1 B	2.3 B	3.2 U	3.5 B
Zinc	[152]	1.5 U	107	9.8 B	29.1	7.4 B	10.7 B	1.2 U
Cyanide	[23.9]	10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.0 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/J = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Duplicate sample result.

**TABLE B-8**  
**Summary of Analytical Results for Monitoring Well T-8**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-8 ECTGW8-08 1st 2001	T-8 ECTGW8-09 3rd 2001	T-8 ECTGW8-10 4th 2001	T-8 ECTGW8-11 1st 2002	T-8 ECTGW8-12 2nd 2002		
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	1 U	1 U	1 U	1 U	1 U		
1,2-Dichloroethene(total)	[9.4]	3	3	1	1	1 U		
Ethylbenzene	[3.280]	1 U	1 U	1 U	1 U	1 U		
Methylene Chloride	[15.7]	2 U	2 U	2 U	2 U	0.2 J		
Tetrachloroethene	[8.85]	1 U	0.1 J	1 U	1 U	1 U		
Toluene	[3.400]	1 U	1 U	0.2 J	1 U	1 U		
1,1,1-Trichloroethane	[3.280]	1 U	1 U	1 U	1 U	1 U		
1,1,2-Trichloroethane	[41.8]	1 U	1 U	1 U	1 U	1 U		
Trichloroethene	[80.7]	0.3 J	0.5 J	0.5 J	0.6 J	0.4 J		
Vinyl chloride	[525]	1 U	0.5 J	0.4 J	0.3 J	0.3 J		
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	1 J	0.6 JB	1 JB	1 J		
Di-n-butyl phthalate	[154,000]	10 U						
1,2-Dichlorobenzene	[763]	1 U	1 U	1 U	1 U	1 U		
Diethylphthalate	[52,100]	10 U	10 U	0.2 J	10 U	10 U		
Naphthalene	[620]	10 U						
Phenol	[570]	10 U						
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	1 U	1 U	1 U	1 U		
Aroclor-1221	[1.0]	2 U	2 U	2 U	2 U	2 U		
Aroclor-1232	[0.5]	1 U	1 U	1 U	1 U	1 U		
Aroclor-1242	[0.5]	1 U	1 U	1 U	1 U	1 U		
Aroclor-1248	[0.5]	1 U	1 U	1 U	1 U	1 U		
Aroclor-1254	[0.5]	1 U	1 U	1 U	1 U	1 U		
Aroclor-1260	[0.5]	1 U	1 U	1 U	1 U	1 U		
<b>Inorganics</b>								
Arsenic	[14]	4.2 U	1.2 U	3 U	1.7 U	2 U		
Chromium VI	[86]	10 U						
Lead	[26.8]	1.7 U	1.8 U	2.2 U	1.6 U	1.1 U		
Nickel	[100]	2.3 B	2.4 B	1.5 U	1.5 B	1.2 B		
Zinc	[152]	1.1 U	0.70 U	1.1 U	4.6 U	2.2 B		
Cyanide	[23.9]	0.85 B	2.7 B	1.6 B	0.86 B	0.60 U		

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[?]= Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Duplicate sample result.

**TABLE B-9**  
**Summary of Analytical Results for Monitoring Well T-9**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-9 ECTGW9-01 4th 1998	T-9 ECTGW9-02 1st 1999	T-9 ECTGW9-03 2nd 1999	T-9 ECTGW9-04 3rd 1999	T-9 ECTGW9-05 4th 1999	T-9 ECTGW9-06 2nd 2000	T-9 ECTGW9-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
1,2-Dichloroethene(total)	[9.4]	1	1 U/0.8 U	0.6/0.6	4.0	0.8	12	50/50 D
Ethylbenzene	[3.280]	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
Methylene Chloride	[15.7]	2 B	2 B/0.8 U	0.6 B/0.9 B	0.5 JB	0.5 U	0.9 B	17 U/2 J
Tetrachloroethene	[8.85]	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
Toluene	[3.400]	0.5 U	1 U/0.8 U	0.3 J/0.2 J	0.5 U	0.5 U	0.2 J	8 U/0.2 J
1,1,1-Trichloroethane	[5.280]	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
1,1,2-Trichloroethane	[41.8]	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	2 J/0.2 J
Trichloroethene	[80.7]	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
Vinyl chloride	[525]	0.5 U	56/38	35 D/43 D	0.5 U	34 D	210 D	110/90 D
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	4 J	12/1 J	4 J/1 J	6.0 J	10 U	3 J	10 U/10 U
Di-n-butyl phthalate	[154,000]	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	10 U/10 U
1,2-Dichlorobenzene	[763]	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	8 U/1 U
Diethylphthalate	[52,100]	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	10 U/10 U
Naphthalene	[620]	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	10 U/10 U
Phenol	[570]	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	10 U/10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1221	[1.0]	2 U	0.48 U/0.48 U	1.1 U/1.0 U	1.0 U	0.94 U	ND	2.0 U/2.0 U
Aroclor-1232	[0.5]	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1242	[0.5]	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1248	[0.5]	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1254	[0.5]	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1260	[0.5]	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
<b>Inorganics</b>								
Arsenic	[14]	1.7 U	1.4 U/1.4 U	1.4 U/1.5 B	2.0 U	7.6 B	2.6 B	3.4 U/3.4 U
Chromium VI	[86]	10 U	10 U/10 U	10 U/10 U	10.0 U	10.0 U	99.9	10 U/10 U
Lead	[26.8]	0.7 U	1.4 B/2.0 B	1.0 U/1.0 U	1.0 U	1.5 U	1.1 U	2.1 U/2.1 U
Nickel	[100]	14.8 B	15/13.8	16.6/17.5	15.6	16.7	17.5	16.0 B/15.9 B
Zinc	[152]	11.9 U	160/49.4	18.0 B/191	4.2 B	3.1 U	7.3 B	1.2 U/1.2 U
Cyanide	[23.9]	10 U	10 U/10 U	4.7 U/4.7 U	2.8 U	8.2 U	0.9 U	0.99 B/0.98 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2 = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

D= Sample quantitated on a diluted sample.

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-9**  
**Summary of Analytical Results for Monitoring Well T-9**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-9 ECTGW9-08 1st 2001	T-9 ECTGW9-09 3rd 2001	T-9 ECTGW9-11 1st 2002				
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	10 U/10 U	1 U/1 U	1 U/1 U				
1,2-Dichloroethene(total)	[9.4]	<b>69/68</b>	<b>110 D/81 D</b>	<b>61 D/67 D</b>				
Ethylbenzene	[3.280]	10 U/10 U	1 U/1 U	0.2 J/0.2 J				
Methylene Chloride	[15.7]	20 U/20 U	1 J/1 J	1 J/0.9 J				
Tetrachloroethene	[8.85]	10 U/10 U	0.9 J/0.7 J	21 U/20				
Toluene	[3,400]	10 U/10 U	0.4 J/0.5 J	2 B/1 B				
1,1,1-Trichloroethane	[5.280]	10 U/10 U	1 U/1 U	0.5 J/0.3 J				
1,1,2-Trichloroethane	[41.8]	10 U/10 U	1 U/1 U	1 U/1 U				
Trichloroethene	[80.7]	10 U/10 U	0.5 J/0.4 J	12/7				
Vinyl chloride	[525]	170/160	370 D/110 D	190 D/270 D				
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U/10 U	10 U/2 J	10 U/10 U				
Di-n-butyl phthalate	[154,000]	10 U/10 U	10 U/10 U	10 U/10 U				
1,2-Dichlorobenzene	[763]	10 U/10 U	1U/1U	0.3 J/1 U				
Diethylphthalate	[52,100]	10 U/10 U	10 U/10 U	10 U/10 U				
Naphthalene	[620]	10 U/10 U	10 U/10 U	10 U/10 U				
Phenol	[570]	10 U/10 U	10 U/10 U	10 U/10 U				
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1.0 U/1.0 U	1.0 U/1.0 U	1 U/1 U				
Aroclor-1221	[1.0]	2.0 U/2.0 U	2.0 U/2.0 U	2 U/2 U				
Aroclor-1232	[0.5]	1.0 U/1.0 U	1.0 U/1.0 U	1 U/1 U				
Aroclor-1242	[0.5]	1.0 U/1.0 U	1.0 U/1.0 U	1 U/1 U				
Aroclor-1248	[0.5]	1.0 U/1.0 U	1.0 U/1.0 U	1 U/1 U				
Aroclor-1254	[0.5]	1.0 U/1.0 U	1.0 U/1.0 U	1 U/1 U				
Aroclor-1260	[0.5]	1.0 U/1.0 U	1.0 U/1.0 U	1 U/1 U				
<b>Inorganics</b>								
Arsenic	[14]	4.2 U/4.2 U	3.7 B/2.7 B	2.1 B/1.7 U				
Chromium VI	[86]	10 U/10 U	10 U/10 U	10 U/10 U				
Lead	[26.8]	1.7 U/1.7 U	1.8 U/1.8 U	1.6 U/1.7 B				
Nickel	[100]	16.4 B/16.3 B	16.6 B/15.6 B	13.1 B/13.1 B				
Zinc	[152]	1.1 U/1.1 U	0.70 U/0.70 U	4.6 U/4.6 U				
Cyanide	[23.9]	0.70 B/0.60 U	0.80 U/0.80 U	0.80 U/0.80 U				

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2= Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

D= Sample quantitated on a diluted sample.

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-10**  
**Summary of Analytical Results for Monitoring Well T-10**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-10 ECTGW10-01 4th 1998	T-10 ECTGW10-02 1st 1999	T-10 ECTGW10-03 2nd 1999	T-10 ECTGW10-04 3rd 1999	T-10 ECTGW10-05 4th 1999	T-10 ECTGW10-06 2nd 2000	T-10 ECTGW10-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	25 U	6 U	0.4 J	0.5	0.4 J	62 U	1 U
1,2-Dichloroethene(total)	[9.4]	<b>930</b>	<b>190</b>	<b>228 D</b>	<b>19.4 D</b>	<b>419 D</b>	<b>400</b>	<b>240 D</b>
Ethylbenzene	[3.280]	25 U	6 U	0.5 U	0.5 U	0.5 U	12 U	1 U
Methylene Chloride	[15.7]	<b>50 B</b>	<b>7 B</b>	<b>0.6 B</b>	<b>0.4 JB</b>	<b>0.3 J</b>	<b>12 JB</b>	<b>2 U</b>
Tetrachloroethene	[8.85]	25 U	6 U	0.5 U	0.5 U	0.5 U	12 U	1 U
Toluene	[3.400]	25 U	6 U	0.5 U	0.5 U	0.5 U	3 J	0.2 J
1,1,1-Trichloroethane	[5.280]	130	15	19	18	19	16	8
1,1,2-Trichloroethane	[41.8]	25 U	6 U	0.5 U	0.5 U	0.5 U	12 U	1 U
Trichloroethene	[80.7]	25 U	6 U	2	2.0	2.0	3 J	1.0
Vinyl chloride	[525]	25 U	6 U	5	0.5 U	0.5 U	16	14
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	1 J	3 J	2.0 J	1.0 JB	1 J	1 J
Di-n-butyl phthalate	[154,000]	10 U	9 U	11 U	10 U	9.0 U	10 U	10 U
1,2-Dichlorobenzene	[763]	10 U	9 U	11 U	10 U	9.0 U	10 U	1 U
Diethylphthalate	[52,100]	10 U	9 U	11 U	10 U	9.0 U	10 U	10 U
Naphthalene	[620]	10 U	9 U	11 U	10 U	9.0 U	10 U	10 U
Phenol	[570]	10 U	9 U	11 U	10 U	9.0 U	10 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Aroclor-1221	[1.0]	2 U	1 U	1.0 U	1.0 U	0.92 U	1.2 U	2.0 U
Aroclor-1232	[0.5]	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Aroclor-1242	[0.5]	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Aroclor-1248	[0.5]	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Aroclor-1254	[0.5]	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	0.25 J
Aroclor-1260	[0.5]	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14]	6.9 B	1.7 B	1.4 U	<b>4.4 B</b>	7.6 U	2.1 U	3.4 U
Chromium VI	[86]	10 U	10 U	10 U	<b>10.0 U</b>	10.0 U	<b>156</b>	10 U
Lead	[26.8]	0.84 B	0.97 B	1.5 B	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	[100]	20.7	13.9	14.2	12.4	12.7	11.6	14.2 B
Zinc	[152]	1.5 U	<b>192</b>	67.3	7.2 B	16.4 B	3.6 U	1.2 U
Cyanide	[23.9]	10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.6 B

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/J = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D= Sample quantitated on a diluted sample.

**TABLE B-10**  
**Summary of Analytical Results for Monitoring Well T-10**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-10 ECTGW10-08 1st 2001	T-10 ECTGW10-09 3rd 2001	T-10 ECTGW10-11 1st 2002				
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	13 U	0.3 J	0.8 J				
1,2-Dichloroethene(total)	[9.4]	210	230 D	300 D				
Ethylbenzene	[3.280]	13 U	1 U	1 U				
Methylene Chloride	[15.7]	25 U	2 U	2 U				
Tetrachloroethene	[8.85]	3 JB	0.2 J	15				
Toluene	[3.400]	13 U	1 U	0.8 JB				
1,1,1-Trichloroethane	[5.280]	7 J	10	11				
1,1,2-Trichloroethane	[41.8]	13 U	1 U	1 U				
Trichloroethene	[80.7]	2 JB	2	9				
Vinyl chloride	[525]	6 J	16 DJ	96 D				
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	7 J	10 U				
Di-n-butyl phthalate	[154,000]	10 U	10 U	10 U				
1,2-Dichlorobenzene	[763]	13 U	1U	0.2 J				
Diethylphthalate	[52,100]	10 U	10 U	10 U				
Naphthalene	[620]	10 U	10 U	10 U				
Phenol	[570]	10 U	10 U	10 U				
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U	1 U	1 U				
Aroclor-1221	[1.0]	2 U	2 U	2 U				
Aroclor-1232	[0.5]	1 U	1 U	1 U				
Aroclor-1242	[0.5]	1 U	1 U	1 U				
Aroclor-1248	[0.5]	1 U	1 U	1 U				
Aroclor-1254	[0.5]	1 U	1 U	1 U				
Aroclor-1260	[0.5]	1 U	1 U	1 U				
<b>Inorganics</b>								
Arsenic	[14]	5.3 B	9.3 B	<b>14.3</b>				
Chromium VI	[86]	10 U	13.12	10 U				
Lead	[26.8]	1.7 U	2.2 B	1.6 U				
Nickel	[100]	14.9 B	12.2 B	10.8 B				
Zinc	[152]	1.1 U	0.70 U	4.6 U				
Cyanide	[23.9]	0.66 B	0.80 U	0.8 U				

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D= Sample quantitated on a diluted sample.

**TABLE B-11**  
**Summary of Analytical Results for Monitoring Well S-1**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-1 ECSGW1-01 4th 1998	S-1 ECSGW1-02 1st 1999	S-1 ECSGW-03 2nd 1999	S-1 ECSGW1-04 3rd 1999	S-1 ECSGW1-05 4th 1999	S-1 ECSGW1-06 2nd 2000	S-1 ECSGW1-07 4th 2000
<i>Volatile Organics</i>								
1,1-Dichloroethene	[1.85]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U/1 U
1,2-Dichloroethene(total)	[9.4]	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	1 U/1 U
Ethylbenzene	[3.280]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U/1 U
Methylene Chloride	[15.7]	2 B	0.7 B	0.7	0.5 JB	0.5 J	2 B	0.8 J/2 U
Tetrachloroethene	[8.85]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U/1 U
Toluene	[3.400]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.7 J/1 U
1,1,1-Trichloroethane	[5.280]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U/1 U
1,1,2-Trichloroethane	[41.8]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U/1 U
Trichloroethene	[80.7]	0.5 U	0.5 U	0.8	0.5 U	0.5 U	0.5 U	1 U/1 U
Vinyl chloride	[525]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U/1 U
<i>Semi-Volatile Organics</i>								
is (2-ethylhexyl) phthalate	[50,000]	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/ 10 U
Di-n-butyl phthalate	[154,000]	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/ 10 U
1,2-Dichlorobenzene	[763]	10 U/10 U	10 U	10 U	10 U	10 U	11 U	1 U/1 U
Diethylphthalate	[52,100]	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/ 10 U
Naphthalene	[620]	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/ 10 U
Phenol	[570]	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/ 10 U
<i>Polychlorinated biphenyls</i>								
Aroclor-1016	[0.5]	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1221	[1.0]	2 U/2 U	0.95 U	1.1 U	1.0 U	1.0 U	0.93 U	2.0 U/2.0 U
Aroclor-1232	[0.5]	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1242	[0.5]	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1248	[0.5]	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1254	[0.5]	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1260	[0.5]	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
<i>Inorganics</i>								
Arsenic	[14.0]	1.7 U/1.7 U	1.4 B	1.4 U	2.0 U	7.6 U	2.1 U	3.4 U/3.4 U
Chromium VI	[86.0]	10 U/10 U	10 U	10 U	10.0 U	10.0 U	15.1	10 U/10 U
Lead	[26.8]	0.81 B/0.7 U	0.7 U	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U/2.1 U
Nickel	[100]	0.7 U/0.7 U	1.3 B	1.3 B	1.0 U	1.1 U	3.2 U	0.96 B/0.96 B
Zinc	[152.0]	1.5 U/1.5 U	0.8 U	4.8 B	1.1 U	3.1 U	3.6 U	1.2 U/1.2 U
Cyanide	[23.9]	10 U/10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.1 B/1.3 B

Notes:

All concentrations are in  $\mu\text{g/L}$ .

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-11**  
**Summary of Analytical Results for Monitoring Well S-1**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-1 ECSGW1-08 1st 2001	S-1 ECSGW1-09 3rd 2001	S-1 ECSGW1-11 1st 2002				
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	1 U/1 U	1 U/1 U	1 U				
1,2-Dichloroethene(total)	[9.4]	1 U/1 U	0.2 J/0.1 J	1 U				
Ethylbenzene	[3.280]	1 U/1 U	1 U/1 U	1 U				
Methylene Chloride	[15.7]	2 U/0.7 J	2 U/2 U	2 U				
Tetrachloroethene	[8.85]	1 U/1 U	1 U/1 U	1 U				
Toluene	[3.400]	1 U/1 U	1 U/1 U	1 U				
1,1,1-Trichloroethane	[5.280]	1 U/1 U	1 U/1 U	1 U				
1,1,2-Trichloroethane	[41.8]	1 U/1 U	1 U/1 U	1 U				
Trichloroethene	[80.7]	1 U/1 U	1 U/1 U	1 U				
Vinyl chloride	[525]	1 U/1 U	1 U/1 U	1 U				
<b>Semi-Volatile Organics</b>								
is (2-ethylhexyl) phthalate	[50,000]	10 U/1 JB	1 J/10 U	10 U				
Di-n-butyl phthalate	[154,000]	10 U/10 U	10 U/10 U	10 U				
1,2-Dichlorobenzene	[763]	1 U/1 U	1 U/1 U	1 U				
Diethylphthalate	[52,100]	10 U/10 U	10 U/10 U	10 U				
Naphthalene	[620]	10 U/10 U	10 U/10 U	10 U				
Phenol	[570]	10 U/10 U	10 U/10 U	10 U				
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1.0 U/1.0 U	1 U/1 U	1 U				
Aroclor-1221	[1.0]	2.0 U/2.0 U	2 U/2 U	2 U				
Aroclor-1232	[0.5]	1.0 U/1.0 U	1 U/1 U	1 U				
Aroclor-1242	[0.5]	1.0 U/1.0 U	1 U/1 U	1 U				
Aroclor-1248	[0.5]	1.0 U/1.0 U	1 U/1 U	1 U				
Aroclor-1254	[0.5]	1.0 U/1.0 U	1 U/1 U	1 U				
Aroclor-1260	[0.5]	1.0 U/1.0 U	1 U/1 U	1 U				
<b>Inorganics</b>								
Arsenic	[14.0]	4.2 U/4.2 U	1.8 B/1.8 B	1.7 U				
Chromium VI	[86.0]	10 U/10 U	10 U/10 U	10 U				
Lead	[26.8]	1.7 U/1.7 U	1.8 U/1.8 U	1.6 U				
Nickel	[100]	1.3 U/1.3 U	7.8 B/1.4 U	1 U				
Zinc	[152.0]	1.1 U/1.1 U	4.9 B/.70 U	4.6 U				
Cyanide	[23.9]	0.60 U/0.60 U	0.80 U/80 U	0.8 U				

**Notes:**

All concentrations are in ug/l..

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/J = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-12**  
**Summary of Analytical Results for Monitoring Well S-2**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-2 ECSGW2-01 4th 1998	S-2 ECSGW2-02 1st 1999	S-2 ECSGW2-03 2nd 1999	S-2 ECSGW2-04 3rd 1999	S-2 ECSGW2-05 4th 1999	S-2 ECSGW2-06 2nd 2000	S-2 ECSGW2-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	[9.4]	3	2	0.5 U	0.6	2.0/0.8	0.4 J	0.4 J
Ethylbenzene	[3.280]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Methylene Chloride	[15.7]	2 B	0.8 B	0.3 J	0.5 U	2.0/1.0	2 B	2 U
Tetrachloroethene	[8.85]	0.5 U	0.5 U	0.5 U	0.5 U	0.9/0.7	0.5 U	1 U
Toluene	[3.400]	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J/0.2 J	0.4 J	0.2 J
1,1,1-Trichloroethane	[5.280]	0.5 U	0.5 U	0.5 U	0.5 U	0.5/0.4 J	0.5 U	1 U
1,1,2-Trichloroethane	[41.8]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Trichloroethene	[80.7]	0.5 U	0.5 U	0.5 U	0.5 U	0.9/0.9	0.5 U	1 U
Vinyl chloride	[525]	3	0.4 J	0.5 U	0.6	0.8/0.7	0.9	0.2 J
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U/10 U	10 U	10 U	1.0 J	10 U/10 U	10 U	11 U
Di-n-butyl phthalate	[154,000]	10 U/10 U	10 U	10 U	4.0 J	10 U/10 U	10 U	11 U
1,2-Dichlorobenzene	[763]	10 U/10 U	10 U	10 U	10 U	10 U/10 U	10 U	1 U
Diethylphthalate	[52,100]	10 U/10 U	10 U	10 U	10 U	10 U/10 U	10 U	11 U
Naphthalene	[620]	10 U/10 U	10 U	10 U	10 U	10 U/10 U	10 U	11 U
Phenol	[570]	10 U/10 U	10 U	10 U	10 U	10 U/10 U	10 U	11 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1221	[1.0]	2 U/2U	1 U	1.0 U	1.1 U	1.0 U/1.0 U	0.93 U	2.0 U
Aroclor-1232	[0.5]	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1242	[0.5]	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1248	[0.5]	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1254	[0.5]	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1260	[0.5]	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14.0]	1.7 U/ 1.7 U	1.4 U	1.4 U	2.0 U	7.6 U/7.6 U	2.1 U	3.4 U
Chromium VI	[86.0]	10 U/10 U	10 U	10 U	10.0 U	10.0 U/10.0 U	10 U	10 U
Lead	[26.8]	0.7 U/0.7 U	0.7 U	1.0 U	1.0 U	1.5 U/1.5 U	1.1 U	2.1 U
Nickel	[100]	4 B/3.8 B	4.8 B	5	4.7 B	4.8 B/6.1 U	4.4 B	6.2 B
Zinc	[152.0]	1.5 U/1.5 U	0.8 U	12.4	1.1 U	3.1 U/3.1 U	3.6 U	1.2 U
Cyanide	[23.9]	10 U/10 U	10 U	4.7 U	2.8 U	8.2 U/8.2 U	0.90 U	0.95 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/Duplicate sample result.

**TABLE B-12**  
**Summary of Analytical Results for Monitoring Well S-2**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-2 ECSGW2-08 1st 2001	S-2 ECSGW2-09 3rd 2001	S-2 ECSGW2-10 4th 2001	S-2 ECSGW2-11 1st 2002	S-2 ECSGW2-12 2nd 2002		
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	1 U	1 U	1 U	1 U/1 U	1 U		
1,2-Dichloroethene(total)	[9.4]	0.3 J	0.1 J	0.3 J	1 U/1 U	1 U		
Ethylbenzene	[3,280]	1 U	1 U	1 U	1 U/1 U	1 U		
Methylene Chloride	[15.7]	0.6 J	2 U	2 U	2 U/2 U	0.5 J		
Tetrachloroethene	[8.85]	1 U	1 U	1 U	1 U/1 U	1 U		
Toluene	[3,400]	1 U	1 U	0.1 J	1 U/0.1 J	1 U		
1,1,1-Trichloroethane	[5,280]	1 U	1 U	1 U	1 U/1 U	1 U		
1,1,2-Trichloroethane	[41.8]	1 U	1 U	1 U	1 U/1 U	1 U		
Trichloroethene	[80.7]	1 U	1 U	1 U	1 U/1 U	1 U		
Vinyl chloride	[525]	0.4 J	1	0.4 J	0.4 J/0.5 J	0.3 J		
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	10 U	0.8 JB	10 U/10 U	0.8 J		
Di-n-butyl phthalate	[154,000]	10 U	10 U	10 U	10 U/10 U	10 U		
1,2-Dichlorobenzene	[763]	1 U	1 U	1 U	1 U/1 U	1 U		
Diethylphthalate	[52,100]	10 U	10 U	10 U	10 U/10 U	10 U		
Naphthalene	[620]	10 U	10 U	10 U	10 U/10 U	10 U		
Phenol	[570]	10 U	10 U	10 U	10 U/10 U	10 U		
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1.0 U	1.0 U	1.0 U	1 U/1 U	1.0 U		
Aroclor-1221	[1.0]	2.0 U	2.0 U	2.0 U	2 U/2 U	2.0 U		
Aroclor-1232	[0.5]	1.0 U	1.0 U	1.0 U	1 U/1 U	1.0 U		
Aroclor-1242	[0.5]	1.0 U	1.0 U	1.0 U	1 U/1 U	1.0 U		
Aroclor-1248	[0.5]	1.0 U	1.0 U	1.0 U	1 U/1 U	1.0 U		
Aroclor-1254	[0.5]	1.0 U	1.0 U	1.0 U	1 U/1 U	1.0 U		
Aroclor-1260	[0.5]	1.0 U	1.0 U	1.0 U	1 U/1 U	1.0 U		
<b>Inorganics</b>								
Arsenic	[14.0]	4.2 U	1.9 B	3.0 U	1.7 U/1.7 U	2.0 U		
Chromium VI	[86.0]	10 U	10 U	10 U	10 U/10 U	10 U		
Lead	[26.8]	1.7 U	1.8 U	2.2 U	1.6 U/1.6 U	1.1 U		
Nickel	[100]	5.8 B	4.7 B	6.1 B	2.1 B/5.6 B	4.5 B		
Zinc	[152.0]	1.1 U	.70 U	1.1 U	4.6 U/4.6 U	2.5 B		
Cyanide	[23.9]	0.60 U	1.3 B	0.97 B	0.8 U/3.5 B	0.66 B		

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-13**  
**Summary of Analytical Results for Monitoring Well S-3**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-3 ECSGW3-01 4th 1998	S-3 ECSGW3-02 1st 1999	S-3 ECSGW3-03 2nd 1999	S-3 ECSGW3-04 3rd 1999	S-3 ECSGW3-05 4th 1999	S-3 ECSGW3-06 2nd 2000	S-3 ECSGW3-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	/1.85/	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	/9.4/	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Ethylbenzene	/3.280/	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.1 J/0.5 U	0.5 U	1 U
Methylene Chloride	/15.7/	2.0 B/2.0 B	0.6 B	0.9	0.2 J	0.5 U/2.0	0.6 B	2 U
Tetrachloroethene	/8.85/	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Toluene	/3.400/	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.2 J	1 U
1,1,1-Trichloroethane	/5.280/	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
1,1,2-Trichloroethane	/41.8/	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Trichloroethene	/80.7/	0.5 U/0.5 U	0.5 U	0.3 J	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Vinyl chloride	/525/	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.3 J	0.7	1
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	/50,000/	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
Di-n-butyl phthalate	/154,000/	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
1,2-Dichlorobenzene	/763/	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	1 U
Diethylphthalate	/52,100/	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
Naphthalene	/620/	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
Phenol	/570/	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	/0.5/	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1221	/1.0/	2.0 U/2.0 U	0.95 U	1 U	1 U	0.92 U/1.0 U	1.0 U	2.0 U
Aroclor-1232	/0.5/	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1242	/0.5/	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1248	/0.5/	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1254	/0.5/	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1260	/0.5/	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
<b>Inorganics</b>								
Arsenic	/14.0/	1.7 U/1.7 U	1.4 U	4.4 B	2.0 U	7.6 U/7.6 U	2.1 U	3.4 U
Chromium VI	/86.0/	10 U / 10 U	10 U	10 U	10.0 U	10.0 U/10.0 U	10 U	10 U
Lead	/26.8/	0.7 U/0.76 B	0.7 U	1 U	1.0 U	1.5 U/1.5 U	1.1 U	2.1 U
Nickel	/100/	2.3 B/2.2 B	2.8 B	10.4	8.8	9.0/9.1	8.7	9.1 B
Zinc	/152.0/	1.5 U/1.5 U	0.8 U	0.4 U	1.1 U	3.1 U/3.1 U	3.6 U	1.2 U
Cyanide	/23.9/	10 U / 10 U	10 U	4.7 U	2.8 U	8.2 U/8.2 U	0.90 U	0.90 U

**Notes:**

All concentrations are in ug/l.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-13**  
**Summary of Analytical Results for Monitoring Well S-3**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-3 ECSGW3-08 1st 2001	S-3 ECSGW3-09 3rd 2001	S-3 ECSGW3-11 1st 2002				
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	1 U	1 U	1 U				
1,2-Dichloroethene(total)	[9.4]	1 U	1 U	0.1 J				
Ethylbenzene	[3.280]	1 U	1 U	1 U				
Methylene Chloride	[15.7]	0.7 J	2 U	2 U				
Tetrachloroethene	[8.85]	1 U	1 U	1 U				
Toluene	[3.400]	0.1 J	1 U	1 U				
1,1,1-Trichloroethane	[5.280]	1 U	1 U	1 U				
1,1,2-Trichloroethane	[41.8]	1 U	1 U	1 U				
Trichloroethene	[80.7]	1 U	1 U	1 U				
Vinyl chloride	[525]	1	5	11				
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	10 U	10 U				
Di-n-butyl phthalate	[154,000]	10 U	10 U	10 U				
1,2-Dichlorobenzene	[763]	1 U	1 U	0.02 J				
Diethylphthalate	[52,100]	10 U	10 U	10 U				
Naphthalene	[620]	10 U	10 U	10 U				
Phenol	[570]	10 U	10 U	10 U				
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1.0 U	1.0 U	1 U				
Aroclor-1221	[1.0]	2.0 U	2.0 U	2 U				
Aroclor-1232	[0.5]	1.0 U	1.0 U	1 U				
Aroclor-1242	[0.5]	1.0 U	1.0 U	1 U				
Aroclor-1248	[0.5]	1.0 U	1.0 U	1 U				
Aroclor-1254	[0.5]	1.0 U	1.0 U	1 U				
Aroclor-1260	[0.5]	1.0 U	1.0 U	1 U				
<b>Inorganics</b>								
Arsenic	[14.0]	4.2 U	1.2 U	1.7 U				
Chromium VI	[86.0]	10 U	10 U	10 U				
Lead	[26.8]	1.7 U	1.8 U	1.6 U				
Nickel	[100]	9.5 B	12.3 B	8 B				
Zinc	[152.0]	1.1 U	.70 U	4.6 U				
Cyanide	[23.9]	0.6 U	.80 U	0.8 U				

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[?J = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-14**  
**Summary of Analytical Results for Monitoring Well S-4A**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-4 ECSGW4-01 4th 1998	S-4A ECSGW4-02 1st 1999	S-4A ECSGW4-03 2nd 1999	S-4A ECSGW4-04 3rd 1999	S-4A ECSGW4-05 4th 1999	S-4A ECSGW4-06 2nd 2000	S-4A ECSGW4-07 4th 2000
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
1,2-Dichloroethene(total)	[9.4]	0.5 U/1.0	87	100/87	85.8 D/91.9 D	66.5 E	62/36	73 D
Ethylbenzene	[3.280]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
Methylene Chloride	[15.7]	2 B/3 B	3 B	4 U/4 U	0.3 J/0.3 J	1.0	3 D/ 3 JB	0.8 J
Tetrachloroethene	[8.85]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
Toluene	[3.400]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.7 J/0.7 J	1 U
1,1,1-Trichloroethane	[5.280]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
1,1,2-Trichloroethane	[41.8]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
Trichloroethene	[80.7]	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
Vinyl chloride	[525]	0.5 U/0.5 U	2 J	3 J/3 J	0.5 U/0.5 U	7.0	3/2 J	5
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U/10 U	10 U	10 U/1 J	10 U/10 U	10 U	9 U/11 U	10 U
Di-n-butyl phthalate	[154,000]	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	10 U
1,2-Dichlorobenzene	[763]	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	1 U
Diethylphthalate	[52,100]	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	10 U
Naphthalene	[620]	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	10 U
Phenol	[570]	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Aroclor-1221	[1.0]	2 U/ 1.9 U	1.0 U	0.93 U/1.0 U	1.1 U/1.0 U	1.0 U	0.94 U/0.95 U	2.0 U
Aroclor-1232	[0.5]	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Aroclor-1242	[0.5]	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Aroclor-1248	[0.5]	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Aroclor-1254	[0.5]	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	0.11 J
Aroclor-1260	[0.5]	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
<b>Inorganics</b>								
Arsenic	[14.0]	1.7 U/1.7 U	2.5 B	2.0 B/1.4 U	2.0 U/2.0 U	7.6 U	2.1 U/2.1 U	3.4 U
Chromium VI	[86.0]	10 U/10 U	10 U	10 U/10 U	10.0 U/10.0 U	10.0 U	11.2/10 U	10 U
Lead	[26.8]	0.7 U/0.7 U	1.2 B	1.0 U/1.0 U	1.0 U/1.0 U	1.5 U	1.1 U/1.1 U	2.1 U
Nickel	[100]	0.7 U/0.84 B	1.6 B	2.1 B/1.4 B	1.0 U/1.0 U	1.1 U	3.2 U/3.2 U	1.9 B
Zinc	[152.0]	1.5 U/1.5 U	0.8 U	0.40 U/0.4 U	1.1 U/1.1 U	3.1 U	3.6 U/3.6 U	1.2 U
Cyanide	[23.9]	10 U/10 U	10 U	4.7 U/4.7 U	2.8 U/2.8 U	8.2 U	0.90 U/0.90 U	0.90 U

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/J = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D= Sample quantitated on a diluted sample.

E= Exceeds the upper limit of the calibration range of the instrument for that specific compound.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-14**  
**Summary of Analytical Results for Monitoring Well S-4A**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-4A ECSGW4-08 1st 2001	S-4A ECSGW4-09 3rd 2001	S-4A ECSGW4-11 1st 2002				
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	5 U	1U	0.3 J				
1,2-Dichloroethene(total)	[9.4]	86	43 D	200 D				
Ethylbenzene	[3.280]	5 U	1 U	0.2 J				
Methylene Chloride	[15.7]	10 U	2 U	0.8 J				
Tetrachloroethene	[8.85]	2 J	1 U	17 U				
Toluene	[3.400]	5 U	1 U	3 B				
1,1,1-Trichloroethane	[5.280]	5 U	1 U	2				
1,1,2-Trichloroethane	[41.8]	5 U	1 U	1 U				
Trichloroethene	[80.7]	5 U	1 U	24				
Vinyl chloride	[525]	6	16	13				
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	11 U	5 J	10 U				
Di-n-butyl phthalate	[154,000]	11 U	10 U	10 U				
1,2-Dichlorobenzene	[763]	5 U	1 U	0.6 J				
Diethylphthalate	[52,100]	11 U	10 U	10 U				
Naphthalene	[620]	11 U	10 U	10 U				
Phenol	[570]	11 U	10 U	10 U				
<b>Polychlorinated biphenyls</b>								
Aroclor-1016	[0.5]	1.0 U	1 U	1 U				
Aroclor-1221	[1.0]	2.0 U	2 U	2 U				
Aroclor-1232	[0.5]	1.0 U	1 U	1 U				
Aroclor-1242	[0.5]	1.0 U	1 U	1 U				
Aroclor-1248	[0.5]	1.0 U	1 U	1 U				
Aroclor-1254	[0.5]	1.0 U	1 U	1 U				
Aroclor-1260	[0.5]	1.0 U	1 U	1 U				
<b>Inorganics</b>								
Arsenic	[14.0]	4.2 U	1.2 U	1.7 U				
Chromium VI	[86.0]	10 U	10 U	10 U				
Lead	[26.8]	1.7 U	1.8 U	1.6 U				
Nickel	[100]	1.3 U	1.4 U	1 U				
Zinc	[152.0]	1.1 U	0.7	4.6 U				
Cyanide	[23.9]	0.60 U	.80 U	0.8 U				

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2/ - Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B - Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

D= Sample quantitated on a diluted sample.

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

**TABLE B-15**  
**Summary of Analytical Results for Monitoring Well ECC MW13**  
**ECC Superfund Site**  
**(Page 1 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	ECC MW-13 ECTGWMW13-01 4th 1998	ECC MW13 ECSGWMW1302 1st 1999	ECC MW13 ECSL-WMW-13 2nd 1999	MW13 ECSGWM13-04 3rd 1999	MW13 ECSGWM13-05 4th 1999	MW13 ECSGWM13-06 2nd 2000	MW13 ECSGWM13-07 4th 2000
<i>Volatile Organics</i>								
1,1-Dichloroethene	[1.85]	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	[9.4]	<b>46</b>	8	2.5	2.3	3.0	1	1
Ethylbenzene	[3,280]	3	1	0.5	0.5 U	0.2 J	0.5 U	1 U
Methylene Chloride	[15.7]	3 B	1 B	1 B	0.8	1.0	3 B	0.7 J
Tetrachloroethene	[8.85]	1 U	1 U	0.5 U	0.5 U	0.4 J	0.1 J	1 U
Toluene	[3,400]	0.5 J	1 U	0.5 U	0.5 U	0.2 J	0.4 J	1 U
1,1,1-Trichloroethane	[5,280]	2	0.9 J	0.7	0.3 J	0.6	0.4 J	0.2 J
1,1,2-Trichloroethane	[41.8]	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Trichloroethene	[80.7]	1 U	0.5 J	0.6	0.5 J	0.7	0.5	0.5 J
Vinyl chloride	[525]	1 U	3	0.5 U	0.6	2.0	0.4 J	0.3 J
<i>Semi-Volatile Organics</i>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	10 U	9 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	[154,000]	10 U	10 U	9 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	[763]	10 U	10 U	9 U	10 U	10 U	10 U	1 U
Diethylphthalate	[52,100]	10 U	10 U	9 U	1.0 J	10 U	10 U	10 U
Naphthalene	[620]	10 U	10 U	9 U	10 U	10 U	10 U	10 U
Phenol	[570]	10 U	10 U	9 U	10 U	10 U	10 U	10 U
<i>Polychlorinated biphenyls</i>								
Aroclor-1016	[0.5]	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1221	[1.0]	2 U	0.94 U	1.0 U	1.0 U	0.92 U	1.0 U	2.0 U
Aroclor-1232	[0.5]	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1242	[0.5]	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1248	[0.5]	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1254	[0.5]	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1260	[0.5]	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
<i>Inorganics</i>								
Arsenic	[14.0]	8.4 B	8.1 B	12.7	<b>21.5</b>	<b>23</b>	11.6	<b>21.2</b>
Chromium VI	[86.0]	10 U	10 U	10 U	10.0 U	10.0 U	10 U	10 U
Lead	[26.8]	0.7 U	0.7 U	1.0 U	<b>2.5 B</b>	1.5 U	1.1 U	2.1 U
Nickel	[100]	14	6.2	4.8 B	6.2	6.0	7.8	8.9 B
Zinc	[152.0]	26.5	0.8 U	0.40 U	1.1 U	3.1 U	3.6 U	1.2 U
Cyanide	[23.9]	10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.4 B

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/2 - Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U - Analyte not detected. The value shown is the associated detection limit.

B - Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J - Estimated Value.

**TABLE B-15**  
**Summary of Analytical Results for Monitoring Well ECC MW13**  
**ECC Superfund Site**  
**(Page 2 of 2)**

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	MW13 ECSGWM13-08 1st 2001	MW13 ECSGWM13-09 3rd 2001	MW13 ECSGWM13-10 4th 2001	MW13 ECSGWM13-11 1st 2002	MW-13 ECSGWM13-12 2nd 2002		
<i>Volatile Organics</i>								
1,1-Dichloroethene	[1.85]	1 U	1 U	1 U	1 U	1 U		
1,2-Dichloroethene(total)	[9.4]	1 J	1	0.6 J	0.4 J	1 U		
Ethylbenzene	[3.280]	1 U	1 U	1 U	1 U	1 U		
Methylene Chloride	[15.7]	0.7 J	2 U	2 U	2 U	0.2 J		
Tetrachloroethene	[8.85]	1 U	0.5 J	1 U	1 U	1 U		
Toluene	[3.400]	1 U	0.2 J	0.3 J	1 U	1 U		
1,1,1-Trichloroethane	[5.280]	0.3 J	0.2 J	1 U	1 U	1 U		
1,1,2-Trichloroethane	[41.8]	1 U	1 U	1 U	1 U	1 U		
Trichloroethene	[80.7]	0.4 J	0.6 J	0.4 J	0.3 J	1 U		
Vinyl chloride	[525]	1 U	0.6 J	0.5 J	0.2 J	1 U		
<i>Semi-Volatile Organics</i>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	10 U	1 J	10 U	5 J		
Di-n-butyl phthalate	[154,000]	10 U						
1,2-Dichlorobenzene	[763]	1 U	1 U	1 U	1 U	1 U		
Diethylphthalate	[52,100]	10 U	10 U	0.5 J	0.3 J	10 U		
Naphthalene	[620]	10 U						
Phenol	[570]	10 U						
<i>Polychlorinated biphenyls</i>								
Aroclor-1016	[0.5]	1.0 U	1.0 U	1.0 U	1 U	1.0 U		
Aroclor-1221	[1.0]	2.0 U	2.0 U	2.0 U	2 U	2.0 U		
Aroclor-1232	[0.5]	1.0 U	1.0 U	1.0 U	1 U	1.0 U		
Aroclor-1242	[0.5]	1.0 U	1.0 U	1.0 U	1 U	1.0 U		
Aroclor-1248	[0.5]	1.0 U	1.0 U	1.0 U	1 U	1.0 U		
Aroclor-1254	[0.5]	1.0 U	1.0 U	1.0 U	1 U	1.0 U		
Aroclor-1260	[0.5]	1.0 U	1.0 U	1.0 U	1 U	1.0 U		
<i>Inorganics</i>								
Arsenic	[14.0]	<b>18.5</b>	<b>26.8</b>	<b>24.2</b>	11.1	3 B		
Chromium VI	[86.0]	13.3	10 U	10 U	10 U	10 U		
Lead	[26.8]	1.7 U	1.8 U	2.2 U	1.6 U	1.1 U		
Nickel	[100]	6.2 B	4.7 B	5.5 B	1 U	2.1 B		
Zinc	[152.0]	1.1 U	0.70 U	1.1 U	4.6 U	2.3 B		
Cyanide	[23.9]	0.77 B	0.80 U	1.9 B	0.8 U	0.60 U		

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

/J = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

**TABLE B-16**  
**Summary of Analytical Results for Location SW-1**  
**ECC Superfund Site**  
**(Page 1 of 2)**

SAMPLE LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	SW-1 ECSW1-01 4th 1998	SW-1 ECSW1-02 1st 1999	SW-1 ECSW1-03 2nd 1999	SW-1 ECSW1-06 2nd 2000	SW-1 ECSW1-07 4th 2000	SW-1 ECSW1-08 1st 2001	SW-1 ECSW1-09 3rd 2001
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
1,2-Dichloroethene(total)	[9.4]*	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
Ethylbenzene	[3.280]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
Methylene chloride	[15.7]	1 B	0.8 B	1	0.8	2.0 U	2 U	2 U
Tetrachloroethene	[8.85]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
Toluene	[3.400]	0.5 U	0.5 U	0.5 U	0.2 J	1.0 U	1 U	1 U
1,1,1-Trichloroethane	[5.280]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
1,1,2-Trichloroethane	[41.8]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
Trichloroethene	[80.7]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
Vinyl chloride	[525]	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	2 J	5 J	10 U	11 U	10 U	10 U
Di-n-butyl phthalate	[154,000]	10 U	10 U	10 U	10 U	11 U	10 U	10 U
1,2-Dichlorobenzene	[763]	10 U	10 U	10 U	10 U	1 U	1 U	1 U
Diethyl phthalate	[52,100]	10 U	10 U	10 U	10 U	11 U	10 U	10 U
Naphthalene	[620]	10 U	10 U	10 U	10 U	11 U	10 U	10 U
Phenol	[570]	10 U	10 U	10 U	10 U	11 U	10 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor 1016	[0.5]	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U
Aroclor 1221	[1.0]	2 U	0.97 U	1 U	1.0 U	2.0 U	2 U	2 U
Aroclor 1232	[0.5]	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U
Aroclor 1242	[0.5]	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U
Aroclor 1248	[0.5]	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U
Aroclor 1254	[0.5]	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U
Aroclor 1260	[0.5]	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U
<b>Inorganics</b>								
Arsenic	[14.0]	1.7 U	1.4 U	2.9 B	2.1 U	3.4 U	4.2 U	2.8 U
Chromium VI	[86.0]	10 U	10.4	10 U				
Lead	[26.8]	0.7 U	1.6 B	1 U	1.1 U	2.1 U	1.7 U	1.6 U
Nickel	[100]	15.9 U	8.2	20.5	9.2	6.2 B	10 B	15.4 B
Zinc	[152.0]	1.5 U	3.8 B	14.2 B	3.6 U	1.2 U	1.1 U	9.7 B
Cyanide	[23.9]	10 U	10 U	10.3	2.1 B	2.4 B	1.8 B	5 B

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Acceptable Stream Concentrations as presented in Revised Exhibit A, Table 3-1.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D = Compound quantitated on a diluted sample.

**TABLE B-16**  
**Summary of Analytical Results for Location SW-1**  
**ECC Superfund Site**  
**(Page 2 of 2)**

SAMPLE LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	SW-1	SW-1	SW-1			
		ECSW1-10 4th 2001	ECSW1-11 1st 2002	ECSW1-12 2nd 2002			
<i>Volatile Organics</i>							
1,1-Dichloroethene	[1.85]	1 U/1 U	1 U	1 U			
1,2-Dichloroethene(total)	[9.4]*	0.3 J/0.3 J	1 U	1 U			
Ethylbenzene	[3.280]	1 U/1 U	1 U	1 U			
Methylene chloride	[15.7]	2 U/2 U	2 U	2 U			
Tetrachloroethene	[8.85]	1 U/1 U	1 U	1 U			
Toluene	[3.400]	0.7 J/0.5 J	0.2 JB	0.2 J			
1,1,1-Trichloroethane	[5.280]	1 U/1 U	1 U	1 U			
1,1,2-Trichloroethane	[41.8]	1 U/1 U	1 U	1 U			
Trichloroethene	[80.7]	1 U/1 U	1 U	1 U			
Vinyl chloride	[525]	0.2 J/0.1 J	1 U	1 U			
<i>Semi-Volatile Organics</i>							
Bis (2-ethylhexyl) phthalate	[50,000]	10 U/1 JB	10 U	10 U			
Di-n-butyl phthalate	[154,000]	10 U/10 U	10 U	10 U			
1,2-Dichlorobenzene	[763]	0.3 J/0.2 J	1 U	1 U			
Diethyl phthalate	[52,100]	10 U/10 U	10 U	10 U			
Naphthalene	[620]	10 U/10 U	10 U	10 U			
Phenol	[570]	10 U/10 U	10 U	10 U			
<i>Polychlorinated biphenyls</i>							
Aroclor 1016	[0.5]	1 U/1 U	1 U	1 U			
Aroclor 1221	[1.0]	2 U/2 U	2 U	2 U			
Aroclor 1232	[0.5]	1 U/1 U	1 U	1 U			
Aroclor 1242	[0.5]	1 U/1 U	1 U	1 U			
Aroclor 1248	[0.5]	1 U/1 U	1 U	1 U			
Aroclor 1254	[0.5]	1 U/1 U	1 U	1 U			
Aroclor 1260	[0.5]	1 U/1 U	1 U	1 U			
<i>Inorganics</i>							
Arsenic	[14.0]	3.1 B/3 B	1.7 U	2 U			
Chromium VI	[86.0]	10 U/10 U	10 U	10 U			
Lead	[26.8]	5.4/5.4	1.6 U	2.5 B			
Nickel	[100]	11.8 B/11.16 B	5.3 B	6 B			
Zinc	[152.0]	21.4/20.4	4.6 U	12.8 B			
Cyanide	[23.9]	4 B/1.9 B	2 B	2.8 B			

**Notes:**

All concentrations are in ug/L.

Concentrations in bold exceed the Acceptable Stream Concentrations as presented in Revised Exhibit A, Table 3-1.

/2/ - Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated

U - Analyte not detected. The value shown is the associated detection limit.

B - Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument

J - Estimated Value.

D - Compound quantitated on a diluted sample.

0.5 U/0.5 U - Sample result/duplicate sample results.

**TABLE B-17**  
**Summary of Analytical Results for Location SW-2**  
**ECC Superfund Site**  
**(Page 1 of 2)**

SAMPLE LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	SW-2 ECSW2-01 4th 1998	SW-2 ECSW2-02 1st 1999	SW-2 ECSW2-03 2nd 1999	SW-2 ECSW2-06 2nd 2000	SW-2 ECSW2-07 4th 2000	SW-2 ECSW2-08 1st 2001	SW-2 ECSW2-09 3rd 2001
<b>Volatile Organics</b>								
1,1-Dichloroethene	[1.85]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
1,2-Dichloroethene (total)	[9.4]	0.5 J/0.3 J	0.8	1	0.3 J	0.6 J	2	0.3 J
Ethylbenzene	[3.280]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
Methylene Chloride	[15.7]	2 B/1 B	0.8 B	2 B	1	0.9 J	2 U	2 U
Tetrachloroethene	[8.85]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
Toluene	[3.400]	0.5 U/0.5 U	0.5 U	0.5 U	0.2 J	0.2 J	0.2 J	1 U
1,1,1-Trichloroethane	[5.280]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.2 J	1 U
1,1,2-Trichloroethane	[41.8]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
Trichloroethene	[80.7]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
Vinyl Chloride	[525]	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1	0.2 J
<b>Semi-Volatile Organics</b>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	[154,000]	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	[763]	10 U/10 U	10 U	10 U	10 U	1 U	1 U	10 U
Diethyl Phthalate	[52,100]	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	[620]	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	[570]	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U
<b>Polychlorinated biphenyls</b>								
Aroclor 1016	[0.5]	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U
Aroclor 1221	[1.0]	2 U/2 U	0.95 U	0.99 U	0.93 U	2.0 U	2 U	2 U
Aroclor 1232	[0.5]	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U
Aroclor 1242	[0.5]	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U
Aroclor 1248	[0.5]	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U
Aroclor 1254	[0.5]	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U
Aroclor 1260	[0.5]	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U
<b>Inorganics</b>								
Arsenic	[14.0]	2.1 B/2.1 B	1.4 U	4.6 B	2.1 U	3.4 U	4.2 U	2.8 U
Chromium VI	[86.0]	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U
Lead	[26.8]	0.7 U/0.7 U	1.2 B	1.0 U	1.1 U	2.1 U	1.7 U	1.6 U
Nickel	[100]	13.5 U/14 U	8.3	19.7	9	6.1 B	9.7 B	16.5 B
Zinc	[152.0]	1.5 U/1.5 U	2.4 B	6.5 B	3.6 U	1.2 U	1.1 U	11 B
Cyanide (Total)	[23.9]	10 U/10 U	10 U	7.1 B	2.1 B	2.6 B	1.9 B	3.5 B

**Notes:**

All concentrations are in ug/l.

Concentrations in bold exceed the Acceptable Stream Concentrations as presented in Revised Exhibit A, Table 3-1.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D = Compound quantitated on a diluted sample.

0.5 U/0.5 U = Sample result/duplicate sample result.

**TABLE B-17**  
**Summary of Analytical Results for Location SW-2**  
**ECC Superfund Site**  
**(Page 2 of 2)**

SAMPLE LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	SW-2 ECSW2-10 4th 2001	SW-2 ECSW2-11 1st 2002	SW-2 ECSW2-12 2nd 2002				
<i>Volatile Organics</i>								
1,1-Dichloroethene	[1.85]	1 U	1 U	1 U				
1,2-Dichloroethene (total)	[9.4]	5	2	1 U				
Ethylbenzene	[3.280]	1 U	1 U	1 U				
Methylene Chloride	[15.7]	2 U	2 U	0.2 J				
Tetrachloroethene	[8.85]	1 U	1 U	1 U				
Toluene	[3.400]	0.9 J	1 U	0.2 J				
1,1,1-Trichloroethane	[5.280]	1 U	1 U	1 U				
1,1,2-Trichloroethane	[41.8]	1 U	1 U	1 U				
Trichloroethene	[80.7]	1 U	1 U	1 U				
Vinyl Chloride	[525]	7	0.9 J	1 U				
<i>Semi-Volatile Organics</i>								
Bis (2-ethylhexyl) phthalate	[50,000]	10 U	10 U	2 J				
Di-n-butyl phthalate	[154,000]	10 U	10 U	10 U				
1,2-Dichlorobenzene	[763]	10 U	1 U	1 U				
Diethyl Phthalate	[52,100]	10 U	10 U	10 U				
Naphthalene	[620]	10 U	10 U	10 U				
Phenol	[570]	10 U	10 U	10 U				
<i>Polychlorinated biphenyls</i>								
Aroclor 1016	[0.5]	1 U	1 U	1 U				
Aroclor 1221	[1.0]	2 U	2 U	2 U				
Aroclor 1232	[0.5]	1 U	1 U	1 U				
Aroclor 1242	[0.5]	1 U	1 U	1 U				
Aroclor 1248	[0.5]	1 U	1 U	1 U				
Aroclor 1254	[0.5]	1 U	1 U	1 U				
Aroclor 1260	[0.5]	1 U	1 U	1 U				
<i>Inorganics</i>								
Arsenic	[14.0]	3 U	1.7 U	3.0 B				
Chromium VI	[86.0]	10 U	10 U	10 U				
Lead	[26.8]	2.2 U	1.6 U	1.5 B				
Nickel	[100]	8.6 B	5.2 B	5.9 B				
Zinc	[152.0]	1.1 U	4.6 U	14.0 B				
Cyanide (Total)	[23.9]	6.0 B	2.3 B	3.7 B				

**Notes:**

All concentrations are in ug/l.

Concentrations in bold exceed the Acceptable Stream Concentrations as presented in Revised Exhibit A, Table 3-1.

/2/ = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument

J = Estimated Value.

D = Compound quantitated on a diluted sample.